THE DISPLAYS OF A THESAURUS

Cecily J. Suroce

March 1970



cteps (t.) by the CtfARINGHOUSE by a base benefited Goldenical Literation (proghed) Vo. 22151

Mary Carlot Hall & M. S. C

P-4331

8)

THE DISPLAYS OF A THESAURUS

Cecily J. Surace*

The Rand Corporation, Santa Monica, California

A great deal of literature exists on the development or construction of a subject authority file or thesaurus, including the importance of vocabulary co trol techniques. Very little exists in the literature however, on the best way to display the authority file or thesaurus for efficient and consistent use by e indexer and the retriever. Even less information is available on the desirability and usefulness of different displays either singly or in groups. For example, is an alphabetical listing of terms with cross references more useful to an indexer than a complete hierarchical display? What value does the permuted or rotated term index serve? Is it more useful to the indexer or retriever? To the experienced or inexperienced indexer? Is an alphabetical display along with a permuted display of greater utility than an alphabetical display and a hierarchical display? Questions of this nature are very relevant to a system designer concerned with the construction or automation of a thesaurus where cost is a great factor. It is estimated that a thesaurus maintenance program will cost between \$50,000 - \$75,000 to design and code; some programs are available for sale at \$15,000. Considering these costs, it is difficult to understand why thesauri continue to be developed and constructed with so little recorded study of alternative displays. It is also difficult to understand why studies on indexing consistency and effectiveness have not concerned themselves with studying the effect different displays

^{*}Any views expressed in this paper are those of the author. They should not be interpreted as reflecting the views of The Rand Corporation or the official opinion or policy of any of its governmental or private research sponsors. Papers are reproduced by The Rand Corporation as a courtesy to members of its staff.

of a thesaurus may have on the indexer. Instead these studies generally concern themselves with comparisons of different kinds of authority files, assuming the organizations using these files have the same objectives, or else concern themselves with indexer consistency in terms of experience vs non-experience.

This paper will attempt to describe several display techniques for a thesaurus, including the kinds of displays for hierarchy, categorization, permutation, and semantic and syntactic relationships. Where possible some intuitive discussion will be included on displays which appear to be of more utility to the indexer or the retriever. No attempt was made to perform actual tests of indexers using the same thesaurus in different displays, nor was there time to determine how indexers might supplement one display with another. Instead, this paper may be categorized as one which raises some questions but which is not successful in answering them, or else only partially successful.

Included also in this paper will be a brief discussion of the impact of the computer especially in terms of the assistance the computer offers to file update and maintenance, and the impact of on-line terminals for display.

Thesaurus Definitions

Many definitions exist for a thesaurus:

"A thesaurus is an authority file which can lead the user from one concept to another via various heuristic or intuitive paths. It may be manually operated or mechanized for assignment of index headings."

P. W. Howerton (in Newman, 1965)

"An authority file ... consists of a standardized, controlled vocabulary, with cross-references between the terms of the vocabulary and cross-references to terms of the vocabulary... It consists of either a controlled vocabulary or a set of cross-references, or both."

P. Reisner (in Newman, 1965)

Only one paper was found in the literature which concerned itself with the use indexers made of different displays of a thesaurus. This was a paper by Rainey (1970) which surveyed 75 special libraries to determine how they used the NASA and EJC/DOD thesauri, and which included a question on whether indexers used the special indexes.

"A thesaurus is a device for controlling and displaying an indexing vocabulary."

T. L. Gillum (1964)

"An organized reference of the terms accepted and approved as a standard by participating members of a specialized population in a defined area of information, which identifies the scope of each term by inclusions, exclusions and associations, so that all terms are clear and discrete and in the aggregate are comprehensive for communication and identification of information in the defined area."

P. C. Daniels (1969)

In summary, another definition is offered: A thesaurus is a list of authorized terms or descriptors which serve to standardize and delimit concepts found in publications, and which when structured and displayed reveal relationships of a semantic, syntactic or hierarchical nature.

The type of thesaurus of primary interest to this paper is best represented by the EJC-DOD thesaurus.

Eugene Wall (1969) suggests that there are four basic principles for a thesaurus: the use of natural language; an environment which permits the addition of new terminology; cross references including semantic and hierarchical viewpoints; and what he refers to as "form and format," further defined as "ease of use." There is no indication that the thesaurus should be displayed in more than one form or format although Mr. Wall has certainly contributed significantly to the various ways a thesaurus can be displayed. In fact, most discussions of thesaurus displays are really discussions of the techniques used to reveal the semantic, syntactic and hierarchical structure of cross references embodied in an alphabetical list of terms. Indeed the application of these control techniques results in a display, but this is perhaps more an effect or result of the techniques, rather than the starting point of the thesaurus construction. Or is this the chicken and egg syndrome? Perhaps this is because today!, thesaurus builders are operating in a coordinate indexing environment and are not concerned with more fundamental issues of the form of headings or their display.

Since natural language is used and in most cases single words (although some pre-coordinated terms are used) the philosophical discussions of direct headings vs indirect headings or classification are almost non-existent. However, is this really so? Or are today's thesauri with their increased use of auxiliary displays to reveal hierarchical schemes, category listings, and permuted listings intended to provide the best of all worlds never resolved by the battles which raged in the above mentioned philosophical discussions? While the economics of building alternative displays for manually controlled thesauri have conditioned us to accept a single display, and that the alphabetical term display, the computer-managed or automated thesaurus on the other hand, has made alternative displays economically feasible, and as a result offers an opportunity to the thesaurus designer to consider new formats. It is suggested that more study and analysis of alternative displays is essential for a more complete understanding of the role the thesaurus plays in indexing and retrieval operations. It is also recognized that no discussion of thesaurus displays can avoid discussion of control techniques.

Control Techniques

Included in control techniques are term selection, the use of abbreviations and acronyms, use of nouns or other forms, singular vs plural, and alphabetization. Additional control techniques include cross references for semantemes: synonyms, homographs, antonyms, gen ics, part-whole, related terms, and scope notes and parenthetical expressions to avoid ambiguity.

Alphabetical Display

The alphabetical display of thesaurus terms is the most common form of display, influenced historically by the conventional alphabetical display of indexes and subject heading authority files. In its simplest form the alphabetical display or dictionary display consists of a list of terms or

descriptors in natural language order without cross references. Obviously this display is very limited and offers little assistance to the indexer or retriever, unless the list of terms is very small and a quick glance reveals all the terms. No network or cross references are present to help the user weave his way to a more specific or more generic level, etc. Coates (1960) refers to this display as the alphabetico-specific subject catalogue. In its most common form it does include "see" and "see also" cross references, and attempts to provide through these conventions control over synonyms, class and related terms thereby offering some classification scheme.

Most modern day thesauri are not limited to a simple alphabetical display of terms, but rather incorporate the more complex cross reference scheme found in the more sophisticated alphabetico-specific subject authority files. The notation used may be different however. Instead of "See" and "See also" with X and XX as reciprocals, the notation in current vogue is "See" and "Used for," and "RT" representing related term. "RT" is also used as a reciprocal to "RT." And of course some hierarchy is included in the use of "NT" (narrower term) and "BT" (broader term) notations.

The thesaurus or subject heading authority file which limits itself to the alphabetico-specific display does not provide the user with a complete generic structure however. The classification scheme built into the thesaurus by use of "See" and "RT" cross references is rather limited and the user may have to refer to several terms before arriving at the desired term or terms. This is a gross over-simplication of the problems associated with the alphabetico-specific display. The reader is referred to Coates (1960) and others for more complete discussions.

An alternative approach to resolve the dictionary display problems is the use of an alphabetico-classed display. This authority file is based on an alphabetical display of terms with the use of subdivisions to reveal generic relationships. For example: Aircraft Aircraft

Bombers Aircraft - Bombers
Fighters or Aircraft - Fighters
Supersonic Aircraft - Supersonic
Transport Aircraft - Transport

instead of: Aircraft see also Bombers, Fighters, etc.

This form of display is helpful to the indexer because it reveals at a glance the related terms. However, the indexer or retriever may not know which is the main class term - Aircraft, or Fighter Aircraft, or Commercial Aircraft, etc. Thus "see" references are required throughout the classed display, increasing the size of the file. An alternative is to provide a second display which is an alphabetical index to the classed file indicating the main or class terms. However this results in a two-step operation and double file maintenance.

The alphabetico-classed file also raises the issue of what constitutes a main or class term, and what is subsumed under it, and how specific the subsumed terms should be. In addition, a term can belong to more than one class.

The modern day thesaurus generally does not attempt to provide a classed thesaurus as the main display. Instead a partial hierarchical display is interwoven in the cross references of the main alphabetical display, and separate hierarchical and category or class displays are provided as auxiliary tools.

Another approach to provide an organic structure to the authority file is the use of inverted headings. This form of display is based on the premise that in multiword subject headings there is one term that is more important, and this is the term the indexer and retriever will use. Also in selecting these "key" words, and listing terms by their key word, a natural class structure is provided. Thus for example:

Airplanes, Commercial Airplanes, Fighter Airplanes, Transport Where recessary, cross references are provided from the natural language text to the inverted entry.

Although inverted headings are not used in very many modern day thesauri, it is fairly safe to conclude that the complex cross reference structures prevalent today are an attempt to reveal some of the relationships that the inverted headings accomplished. But, is it as safe to conjecture that the permuted or rotated display of thesaurus terms is an attempt to recall the inverted heading structure? Today's thesaurus designer prefers natural language text in alphabetical order, and for good reasons. Yet he also builds category or classed displays, hierarchical, and permuted displays as auxiliary tools. Can this be because the computer is there and easily provides these additional displays? Is it because programmers enjoy the additional coding? Or is it because the designer recognizes, as have librarians who designed the earlier "conventional" systems, that the development and design of a thesaurus is a very complex problem and requires more than a single solution?

In summary, it can be said the more conventional subject authority files dispersed related concepts although each claimed to overcome this problem through the use of cross references, and they tended to use one-way generic cross references, from the generic to the specific, and not the reverse. Again, this is a very superficial review of conventional subject authority files which does not even mention faceted and chain indexing. The reader is referred to the liverature for a complete review.

Thesaurus Display

It has been said that coordinate indexing changed the future for the subject indexer and the index designer. With the concept of coordinate indexing and its development and evolution, the modern day thesaurus was born. The reader is referred to the literature for background on coordinate indexing. A useful starting point is Jaster et al., (1962) in which a 45 page bibliography may be found. No attempt will be made either to show

how the thesaurus developed and gradually adopted the concepts of the more conventional authority files. This information is included in the literature on coordinate indexing and vocabulary control.

Today's thesaurus may be an alphabetical display of terms with cross references revealing semantic, syntactic and hierarchical structures, or it may consist of individual alphabetical, hierarchical, permuted, and category or class displays, where the hierarchical and other displays are automatically generated from the main alphabetical display. It may also include information on the number of postings for each term, and may be tied to an on-line system which provides the indexer an opportunity to see what other documents have been indexed under specific terms. Certainly this is a more sophisticated tool than the manual systems could provide. But it is not necessarily a "new" concept to be attributed to the developers of coordinate indexing. Except for including the number of postings for each index term or descriptor in the thesaurus, there are no new concepts that were not known and practiced in the earlier "conventional" systems. Indeed the indexer often referred to the card catalog to see what had been indexed previously under a given term. Until book catalogs were computer produced or on-line system: were designed, the indexer using a coordinate index system had a more circuitous path to follow if he wanted to know what had been indexed under a particular term. It is true however, that the earlier systems did not provide for multiple display of their subject authority files. This had to work for the computer to make it economically feasible, not necessarily coordinate indexing.

Main Body Display

The alphabetical display of thesaurus terms is the most common form of display. It generally incorporates the following conventions:

The author is not concerned here with the indexing philosophy of coordinate indexing, only with the display of words in a thesaurus or authority file.

See Figures 1.7 for samples of alphabetical displays.

Main Term This is an accepted index term. Associated with it will be the notations: UF, NT, BT, RT. UF = Used For -Main terms are often used for or in place of less desirable or unacceptable synonyms or near synonyms. See = A synonym or unacceptable term will be entered in the thesaurus, but will refer to the acceptable term. NT Narrower term. This is part of the hierarchical notation referring to a more specific term. BT Broader term. This is part of the hierarchical notation referring to a more generic ferm. RT Related term. An RT is considered to have close association or relationship to a main term, but is not in the same class as the main term.

Additional control techniques include the use of scope notes and parenthetical expressions to reduce ambiguity and avoid semantic problems.

The use of these control techniques or conventions is intended to serve as a guide to the thesaurus user (indexer or retriever) in the correct selection of terms at the required level of specificity.

At least two approaches are possible in the display of the generic structure internal to the alphabetical display. The designer may elect to include all NT's and BT's associated with a term, or reveal only one level of generic structure -- one BT up and one NT down.

As the example shows (see following page), the generic display provides more immediate information to the thesaurus user, and obviously saves time in the selection of the appropriate terms. The single level structure requires the user to refer to several main terms before the appropriate level of specificity is determined. Certainly the more complete generic structure is desirable from the point of view of the indexer or

Single Level Display

ABS RESINS
BT Acrylate copolymers

ACRYLATE COPOLYMERS
BT Acrylic copolymers
NT ABS resins

ACRYLIC COPOLYMERS
BT Acrylic resins
NT Acrylate copolymers

ACRYLIC RESINS

BT Addition resins

NT Acrylic copolymers

ADDITION RESINS

NT Acrylic resins

Generic Structure Display

ABS RESINS

BT Acrylate copolymers
Acrylic copolymers
Acrylic resins
Addition resins

ACRYLATE COPOLYMERS

BT Acrylic copolymers
Acrylic resins
Addition resins
NT ABS resins

ACRYLIC COPOLYMERS

BT Acrylic resins
Addition resins
NT ABS resins
Acrylate copolymers

ACRYLIC RESINS
BT Addition resins
NT ABS resins

Acrylia copolymers
Acrylia copolymers

ADDITION RESINS

NT ABS resins
Acrylate copolymers
Acrylic copolymers
Acrylic resins

retriever. A possible disadvantage is the increase in size of the thesaurus. Eugene Wall (private correspondence) implies that this "disadvantage" may increase line entries by about 10 percent. However this may be a small penalty, if any, compared to the disadvantage of tracing the structure of the single level display.

A more serious disadvantage of the sophisticated display is that it does not reveal a true hierarchy because it does not distinguish between the levels of specificity of the BT's and NT's. For instance, under Acrylic copolymers, which is the broader or more generic of the two terms Acrylic resins and Addition resins? The same type of question applies to the NT's. Perhaps a specialist in resin technology would have no difficulty with this structure. However, not all indexers, and certainly not all retrievers are experts in resin technology.

In retrieval systems where up-posting is automatically generated and a hierarchical search capability exists; it is critical that the retriever know the hierarchy, or else he may select terms which are inappropriate for his search strategy and which will either inundate him with excessive and/or irrelevant documents, or which will deny him the full display of documents available in the file on his subject. Of course if the indexer is unfamiliar with the hierarchy, and it is not explicitly displayed, he may index the documents at a level which is either too broad or too specific.

Hierarchical Display

In order to overcome this serious disadvantage two options are possible. Either incorporate a strict hierarchical display into the main thesaurus, or produce an auxiliary display — a hierarchical index. Most thesauri designers have opted for the latter approach, probably because the main alphabetical display with a complete hierarchy would require far more sophisticated programming, and would increase the bulk of the display. Hammond (1967) states to "employ the hierarchical display format throughout

the main body of ... the DOD thesaurus the four-column format would have to have been reduced to three and would have added a hundred pages to the printed book." What is not considered here is the time to be saved by the indexer and the retriever if only one look-up is required.

the hierarchical display as an auxiliary, provides the thesaurus user with a format which clearly outlines the levels of specificity. Thus the examples discussed above, might look like this in the display:

ADDITION RESINS
Acrylic resins
Acrylic copolymers
Acrylate copolymers
ABS resins

There certainly is no ambiguity here whether Addition resins is broader or more generic to Acrylic resins. The indentations tell the story. This form of display, as mentioned above, does require the user to search in two files — the main alphabetical and the hierarchical files — to determine the structure. Of course if the user knew in advance the main term (in this instance Addition resins) he would refer to the hierarchical display immediately.

Some hierarchical displays are designed (EJC-DOD, and NASA) to list as main hierarchical terms only those terms having no BT's and at least two generic levels listed in the main body. Thus the index or display is not a complete display of all possible hierarchies in the thesaurus. (See Figs. 8-9a).

An obvious advantage of the hierarchical display is that it reveals all levels of specificity at each main term subsumed under a class term (has no BT). This does however, raise the shadow of earlier discussions on hierarchical or classed authority files. What really constitutes a class term? Certainly not an artificial convention such as: No BT. And on what basis is a term subsumed under one class and not another? Can a term belong to more than one class? Perhaps the answer to these questions

is to be found in the following quotations from the <u>Information Retrieval</u>

Thesaurus of Education Terms: "Our major consideration in constructing a BT-NT hierarchy has been that hierarchy's potential usefulness in indexing and searching. Whether or not the hierarchy effectively mirrors some definite 'objective' reality has not always been of crucial practical importance."

Permuted Display

Gillum (in Daniels, et al., 1969) states that the permuted or rotated index is "essentially a computer sort or KWIC index of the words in the vocabulary ... Since each word in each term is an entry point, all terms having (significant) words in common file together and provide a collection point for terms that are separated because of the use of direct entries."

Thesauri that use natural language, may whibit a rotated index to serve the same purpose as an inverted file. (See Figs. 10-11). Obviously it is useful only when a thesaurus utilizes multi-word or pre-coordinated terms. If uniterms in their strictest sense comprise the thesaurus, there would be no need for permutations.

The permuted index (inverted file) is probably of more use to the uninitiated or inexperienced indexer (Wall, private correspondence) and retriever, although there is no discussion of the utility of this auxiliary display. Can it be the thesaurus designer is hedging his bers and wants to cover all aspects of building an authority file because the computer is there?

Category Index

Another form of display for a thesaurus is the category display which is intended to divide or segment the thesaurus' terms into broad subject or class areas less rigid than the hierarchical display. The categories, which can be based on discipline, on taxonomy, etc., bring together terms that belong to a group, but which normally are interspersed throughout the

alphabetical display. It appears the groups can be, and indeed are, arbitrarily selected. One basic requirement is that they be mutually exclusive although this in fact may be difficult to achieve since some terms will fall into more than one group. The EJC-DOD thesaurus for example, utilizes the COSATI Subject Category Index as the basis for its category display. (See Figs. 12-13).

Gillum (in Daniels, et al., 1969) states that the subject category "displays are believed to be reasonably coherent and of useful content, but the real utility of this display has not been determined." He does suggest however, that it would contribute to the indexing and retrieval operations "when it is necessary to determine generally the scope of depth of vocabulary development in some subject area." Since this display is intended to bring together terms that represent a logical grouping it is conceivable the individual groups would contribute to the development of microthesauri, but it is difficult to determine to what extent. Tancredi and Nichols (1968) describe how they developed the Microthesaurus of Air Pollution Terms by establishing broad categories for the terms and then extending them to more specific subcategories. (Refer to Fig. 14). They also display a hierarchical treatment of the terms within the categories which invites the thought that perhaps the hierarchical display should also be considered as useful in the development of a microthesaurus.

It may be the only certain use of the subject category display is in developing a means for assigning terms to categories which reflect the categories used in an announcement bulletin. This serves as a useful guide to the listing of new documents in the bulletin, based on the index terms assigned to the documents, and the categories the terms represent in the category display. The DDC Technical Abstract Bulletin and NASA STAR are examples of this usage.

In summary it appears this display assists the indexer or retriever the least. If the indexer was responsible for assigning documents to specific

categories for announcement in a bulletin, its utility would be increased, but this is done by the computer program.

Role of the Computer

The introduction of the computer to the construction and maintenance of the thesaurus has significantly altered the display of the thesaurus and greatly reduced the human editing and maintenance operations. As was mentioned earlier, the automated thesaurus can be programmed to generate reciprocals, check for completeness of cross references and their consistency. More sophisticated programs can provide for hierarchical completeness and consistency. Editing of spelling, term acceptability, term length, etc. is an easy capability of these programs, as well as file update and maintenance. Some programs also include automatic up-posting capability.

While the state of the art indicates it is relatively simple to design and code a program to automatically generate and check reciprocals for a single level hierarchical structure, it is quite another ball game to design a program to generate reciprocals for a full hierarchical display. It has been estimated (and experienced) that this type of program costs upwards of \$50,000! Thus the economic considerations greatly influence the design and completeness of the thesaurus. However, economic considerations must also include cost-benefit considerations. A complete hierarchical display with automatic generation of reciprocals and editing capability is great, but is the cost of designing and coding this program offset by greater indexing and retrieval effectiveness? For instance what is the cost-benefit of all the auxiliary displays discussed above? How are they used and how often, by indexers and retrievers? Are they all required? Or have we fallen into the old trap of manipulating data and producing additional reports as a gimmick to justify computer costs? It would seem an automated thesaurus can reduce indexing and retrieval time, and greatly reduce human editing and file maintenance. Certainly an automated thesaurus should be a subsystem of an automated retrieval system. What the author doesn't

know is how sophisticated should that thesaurus be? It has been said that an information retrieval system is successful in proportion to the success or effectiveness of its thesaurus and the indexing operation. But at what cost?

The computer has also contributed to the development of the thesaurus by providing the capability of counting the frequency of use of terms thereby offering the opportunity to introduce more specific, or broader terms as required. It is true in the conventional systems the card catalog served the same purpose. An indexer could decide it was time to break down a term because of the number of cards filed under it. But the maintenance problem was prohibitive and most indexers tended to avoid noticing the file size. In an automated environment however, correction of posting is relatively simple and encourages file maintenance.

Claire Schultz, et al. (1961) refer to the "combining power" of terms. If an indexer or retriever knows the number of times an index term has been used, it reveals something about the "combining power" of the term. The authors conclude that "... individual descriptors have the ability to combine with other descriptors in proportion to the frequency with which they are used singly. An infrequently used descriptor has little combining power; a frequently used descriptor has high combining power." By associating the thesaurus file with the frequency of postings, the computer provides the indexer with a powerful tool to adjust index terminology. Terms with weak combining power can be eliminated or included in broader terms; terms that have excessive combining power (over-posted) can be made more specific. Thus the thesaurus becomes a more dynamic authority file.

It was mentioned earlier that the card catalog served as a guide to the indexer revealing which documents had been indexed under certain terms. Coordinate index systems made this a more difficult operation. However, the computer has again contributed to this area with the introduction of on-line systems. In such an environment the indexer can search the thesaurus files, note the number of postings under the coordinate terms and

also ask for an on-line display of some of the document references already indexed under the terms, and note the additional terms used to index these documents. (The card catalog revisited?) This form of display can assist in increasing correct usage of terms and contribute to indexer consistency. And of course the benefits to the retriever are equally useful. Such a system is described by Bennett (1969). The reader is also referred to the Lockheed Dialog system and the NASA Recon system.

A further extension of the use of on-line systems in an indexing environment appeared in the literature recently, but the reference has been lost. Essentially, the indexer refers to an automated on-line card catalog and attempts to determine if the bibliographic references or citations in the article to be indexed, are already entered into the card catalog. If any of the citations are there, the indexer next asks to see the index terms assigned to these citations, thereby gaining some clues as to which terms may be likely candidates for indexing the article in hand. This method is an extended citation indexing approach which reveals the superior power of an on-line system for improving indexing consistency and effectiveness.

Although this discussion of the impact of the computer is brief, it should not be interpreted as a snub. The computer has dramatically altered the field of information analysis, storage and retrieval, and has broadened the horizons of librarians and documentalists. Without it information retrieval would still be in the dark ages.

REFERENCES

- Bennett, J. L. On-line access to information: NSF as an aid to the indexer/cataloger. American Documentation, July 1969, pp. 213-220.
- Coates, E. J. Subject catalogues: headings and structure. London, The Library Association, 1960, 186 p.
- Daniels, P. C., et al. The thesaurus in action. Background information for a thesaurus workshop at the Annual Convention of the American Society for Information Science (32nd), October 1969, San Francisco, California. October 1969, 39 p.
- Gillum, T. L. Compiling a technical thesaurus. Journal of Chemical Documentation, January 1964, pp. 29-32.
- Newman, S. M. Information systems compatibility. Spartan, 1965.
- Rainey, L. Experiences with the new TEST Thesaurus and the new NASA Thesaurus. Special Libraries, Vol. 61, January 1970, pp. 26-32.
- Schultz, C. K., et al. A comparison of dictionary use within two information retrieval systems. American Documentation, October 1961, pp. 247–253.
- Tancredi, S. A. and Nichols, O. D. Air pollution technical information processing the microthesaurus approach. American Documentation, January 1968, pp. 66–70.
- Wall, E. Personal correspondence. 24 November 1969.
- Wall, E. Vocabulary building and control techniques. American Documentation, Vol. 20, April 1969, pp. 161-164.

ADDITIONAL REFERENCES

- American Institute of Chemical Engineers. Chemical engineering thesaurus. 1961.
- American Petroleum Institute. Subject authority list. 1966.
- Blagden, J. F. Thesaurus compilation methods: a literature review. ASLIB Proc., Vol. 20, August 1968, pp. 345-359.

- Cain, A. M. Thesaural problems in an on-line system. Bull. Med. Libr. Assn., Vol. 57, July 1969, pp. 250-259.
- Castner, W. G., et al. The MECCA vocabulary control system for library collections. The Boeing Co., 1968, 21 p.
- COSATI. Guidelines for the development of information retrieval thesauri. 1967. 9 p.
- EJC/DOD. Thesaurus of engineering and scientific terms. December 1967.
- Eller, J. L. and Panek, R. L. Thesaurus development for a decentralized information network. American Documentation, July 1968, pp. 213-220.
- FAA thesaurus of technical descriptors, 1969.
- Fried, C. and Prevel, J. J. Effects of indexing aids on indexing performance. General Electric Co., October 1966, 192 p. RADC-TR-66-525.
- General Electric. Apollo Support Department. Thesaurus development and guides for indexing and search functions. April 1963.
- Grosch, A. N. Thesaurus construction. Special Libraries, Vol. 60, February 1969, pp. 87-92.
- Gull, C. D. Structure of indexing authority lists. Library Resources and Technical Services, Vol. 10, No. 4, Fall 1966, pp. 507-512.
- Hohnecker, W. and Newmark, M. Automated maintenance of a highly structured thesaurus at Engineering Index. N.Y., American Documentation Institute Proceedings, 1967.
- Holm, B. E. and Rasmussen, L. E. Development of a technical thesaurus.

 American Documentation, Vol. 12, July 1961, pp. 184–190.
- Information retrieval thesaurus of education terms. Cleveland, Ohio, The Press of Case Western Reserve University, 1968.
- Joyce, T. and Needham, R. M. The thesaurus approach to information retrieval. American Documentation, Vol. 9, No. 3, 1958, pp. 192–197.
- Korotkin, A. L., et al. Indexing aids, procedures and devices. General Electric Co., April 1965, 106 p. RADC-TR-64-582.

- Lynch, M. F. Computer-aided production of printed alphabetical subject indexes. Documentation, September 1969, pp. 244-252.
- McClelland, R.M.A. and Mapleson, W. W. Construction and usage of classified schedules and generic features in co-ordinate indexing. Aslib Proceedings, October 1966, pp. 290–299.
- NASA Thesaurus. 3 vols. December 1967.
- National Agricultural Library. Agricultural/biological vocabulary. 1967
- Naval Ordnance Lab. Descriptors and computer codes used in Naval Ordnance Laboratory library retrieval program. October 1964.
- The New York Times thesaurus of descriptors. 1968.
- New York University. Urbandoc thesaurus. May 1967.
- North American Rockwell information processing system thesaurus. August 1969.
- Oak Ridge National Laboratory. NSIC keyword thesaurus. August 1967.
- Office of Naval Research. Project Lex. DOD Manual for building a technical thesaurus. April 1966, 24 p. ONR-25.
- Rolling, L. The role of graphic display of concept relationships in indexing and retrieval vocabularies including a thesaurus of documentation terms. EAEC-EURATOM, 1965.
- Rostron, R. M. The construction of a thesaurus. Aslib Proceedings, Vol. 20, March 1968, pp. 181–187.
- Scheffler, F. L. and Smith, R. B. Document retrieval system operations including the use of microfiche and the formulation of a computer aided indexing concept. February 1969. AFML-TR-68-367.
- Schirmer, R. F. Thesaurus analysis for updating. Journal of Chemical Documentation, Vol. 7, May 1967, pp. 94-98.
- Shumway, N. Medlars: vocabulary construction and medical subject headings. Note Center for Continuing Education.
- Slamecka, V. Indexing aids. January 1963. RADC-TDR-62-579.

Thesaurus of engineering terms. 1964.

Thesaurus of ERIC descriptors. 1967.

Thesaurus of information science terminology. 1968.

Vaswani, P.K.T. Mechanized storage and retrieval of information. Rev. Int. Doc. Vol. 32, No. 1, 1965, pp. 19-22.

614 - De D THESAURUS OF ENGINEERING AND SCIENTIFIC TERMS

Affaire and a control of the control	Acyl nalides 0703	RT—Alkylation	-Diluents	Dissimilar materials bonding
M. Activitations (201) Foreign and the properties of the properti		•		
Translesses Translesses Translesses Translesses USE Court monorcite C	NT Acityl chioride	Carlsonylation		
Transference De Comment of the Comme	1090 eccaretonativa			RT Athesive tapes
Adaptive in Components	-			Adhasive pool test
## 1995 Compared residence				
Adjustation No. 1 Adjustation N				
Adjastation M07 U. Assignation Conjectation M07 U. Assignation U. Adjastation M07 Tournation	- · · · · · · · · · · · · · · · · · · ·			
Adaptation 1407 If Augustants generalism If Agreement Companies Dors assignation Applications Applications Applications Applications Resistant Applications A				
UP Accinitation Processory of the component of the compon	The state of the s			
Adeptive notification (1997) Adeptive region (1997) Adeptive notific filters Polycopher region Convention Polycopher region Adeptive a control (1997) Adeptive a control filters Polycopher region Convention Adeptive a control (1997) Adeptive a control filters Polycopher region Convention Convention Adeptive a control (1997) Control (1997) Adeptive a control (1997) Control (1997) Control (1997) Adeptive a control (1997) Control (19				
Additions of the services and s	NT Acclimatization			
RIT—According Compression Congression (Congression Congression Con				
Despression Physical Process Control on Cont				
Consiston Foreitte of the control o				
			Additron:	
Reaction time — Acytic ecopymen			USE Radial beam tubes	
Resident imme ——Acrystes cophysies — Acrystes and Acryste communication 1702 — Binkins acophysies — Acrystes and Acrystes control ——Obert reside ——Acrystes and Acrystes control ——Acrystes ——Obert reside ——Obert reside ——Acrystes ——Obert reside ——Acrystes ——Obert reside ——Acrystes ——Obert reside ——Obert r				
Addigence registers (Conspirate and Substitution (Conspirate and Substi				-
Adapter 1005 RT Extraction Components Fill Telecommunication 1702 RT T				
Adapter 1305 FT Camp tools Durit nature Characteristics Serves Serves Adapter communication Chipter teams Chipter team				
## Cannot both Examence				
- Chichogenes ser's - Chic				
Street Properties Sevent Company				Shear strength
Ethysion copolymers				
- Ebywier rena Holischon relation - Holischon re				
Arappive pytame		Ethylene resins	and the second s	
DEE Adaptive systems Ad Automatic control Adaptive skeatric filters Adaptive skeatric filters Polycocylandes Adaptive skeatric filters Polycocylandes Adaptive skeatric filters Polycocylandes Adaptive skeatric filters Polycocylandes Adaptive systems Adaptive sys			the state of the s	
Adaptive sizetici filters USE Acquire systems ## Comparison of the Comparison of t	•			• •
Adaptive sizeritris fillers JUSE Adaptive spical fillers Adaptive opicial fillers Adaptive op				
Adaptive opticité l'ilians Polycopropinitie Polycobronne BT Berigin neoplasme Flat	Adeptive electric filters			Adiabatic conditions 2013
Adagive systems 1407 UE TAdayive control TADAyive Control UE TAdayive control TADAyive Automate theory Automate Control Polymphyme Automate Control Polymphyme Polymphyme Automate Control Polymphyme Polymphyme Polymphyme Polymphyme Addonate antique TADAyive Addonate theory Automate Control Polymphyme Polymphyme Polymphyme Polymphyme Polymphyme Polymphyme Polymphyme Addonate antique Tadayive control Polymphyme Polymphyme Polymphyme Polymphyme Polymphyme Polymphyme Addonate antique Tadayive control Polymphyme Polymphyme Polymphyme Polymphyme Polymphyme Addonate antique Tadayive control Polymphyme				
Temperature Adagive systems 4d Opined filter Polychortoriluored bytene Automass theory Automass theory Automass theory Automass theory Automass theory Polychyni fluorids Polychyni	- · · · · · · · · · · ·			
Adaptive systems 1407 DF FAAspive control FAAspive systems 1407 DF FAAspive control FAAspive systems FAAspive systems FAAspive systems FAAspive systems Adaptive systems Directional antennas Di				2 7 - 7
Addignous systems 1427 ID FAAspire octoried Adaptive action billers Advanced bil				
UsE Adaptive control : Adaptive actività (Polytoprane Polytoprane Po				
Adaphe acticit billers Polysboprine Polysbopr				
NT Learning machines Automate Inchigence Automate Control Cybrimetics Automate Learn Automate Learn Automate Learn Automate Learn Cybrimetics Cybrides Cybrimetics			Nucleatides	
Automate theory - Automate theory - Automate theory - Automate control - Polymen actists - Polymen act				
Automass a been? —Automass control —Automass control —Polymen chloride —Process control —Polymen chloride —Polymen chlor				
Automatic control Cybarnetics Polymony chloride				
Polyment chloride Process control Polyment fluoride Process control Process co				
Process control Self organizing systems Self organizing systems Self organizing systems Self organizing systems Addocate enteinase Directional antennase D				
Addice authenaise 1900 Figure reside authenaise Dispurations Compensation Forest Components Figure reside Virgi acetats reside Virgi acetats reside Virgi acetats version Virg	Process control			
Adder subtracters Adder subtracters Viryl acestate copolymens Adder subtracters Viryl charitate viryl acestate series Viryl charitate Vi				BT Aliphatic acid esters
Directional anternase Oractional anternase Adders with receiver sealing USE Adding circuits Viny acetals vision Addinor acetalon Viny acetals vision Viny acetals vision Viny acetals vision				
Adders Virys accital ratios V				
USE Adding circuits Adder subtractiers USE Adding circuits Adding				·
Addig subtracters Vicy ecotes Copyrhers Vicy ecotes Copyrhers Vicy ecotes Copyrhers Vicy chloride osporymers Adding circuits Adding circuits Adding circuits Adding circuits Adder subtracters Vicy chloride resine Vicy chloride r				
USE Adding circuits Adding circuits Adding circuits Adding circuits Adders Viryl citionde copolymers Viryl citionde series Adders subtracters Subtracters Subtracters Tircuits Adders subtracters Tircuits Tircuits Tircuits Adders subtracters Tircuits Adders subtracters Tircuits Adders subtracters Tircuits Adders subtracters Tircuits Tircuits Adders subtracters Tircuits Tircuits Adding corporation Addition polymerization Circe secupment Use Connective tissue Adders subtracters Circe secupment Office secupment Of			NT Acute respiratory disease virus	
Adder subtracters Adder subtracters Adder subtracters Adder subtracters Advance subtracters Computer components Computer computer computer computer computer components Computer comput				
Adders subtracters Adder subtracters Subtracters Subtracters Subtracters Vinytiders chickles resides Subtracters Vinytiders chickles resides Subtracters Vinytiders chickles resides Vingters chickles resides Vinytiders chickles resides Vinytiders chickles			· · · · · · · · · · · · · · · · · · ·	Carboxylic acids
Subtracters RT Circuits RT Accumustors (computers) Computer components Addition polymerization Office equipment Office equi				
BT Circuits Circuits Computer components Concessinking Computer components Condents Computer components Condents Computer components Computer components Condents Condents Computer components Computer components Computer components Condents Condents Computer components Condents Condents Computer components Computer components Condents Computer components Condents Computer components Computer components Computer components Condents Computer Compute	A A A A B B B B B B B B B B		Adhana	
Addition polymerization First Addition polymerization First Additions of the sum of th				
Computer components				
-Cossinising Sticking (adhesion) Addits 0809 Additing machines 1505 Foam rubber Tackiness 8T Tunnels 8T Colculators Graft polymerization 8T Surface properties RT Mine shafts Office equipment Office machines —Polymerization Public Elbers —Polymerization Additions disease 0605 —Synthetic Elbers —Adhesive strength Public law 0504 Addition all cortex diseases —Vulcentized elastomers Adhesive strength Public law Pub				
Adding machines 1505 BT Colculators Office ecupmant Office e			Sticking (adhesion)	
Office acquipment Office machines Office machines Office machines Addisons disease Addisons disease Addisons disease Afficial contrat diseases Afficial contrat diseases Afficial contrat diseases Addisons diseas				
Office machines — Polymeric films — Adhesives Adhesives BT Lew (jurisprudence) Addisons disease 0605 — Synthotic fibers — Adhesive strength — Public law BT Adrenal cortex diseases — Volicenized elastomers — Adeorption — RT Common law Endocrine diseases — Volicenized elastomers — Adeorption — RT Common law Endocrine diseases — Volicenized elastomers — Adeorption — Common law Hyporthologies — Bunding — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common — Common law Criminal law Hyporthologies — Common law Lam Hyporthologies — C				RT Mine shafts
Addisone diaease 0605 —Synthetic fibers Adhesive strength Adsorption RT Common law Endocrine diseases Additions (aniergements) —Bunding Criminal law Docisional participal Docisional law Docisional Political law Docisional participal Docisional Political law Docisional law Docisional Political Political Political Politic				
Adrenal cortex diseases Endocrino diseases Endocrino diseases Endocrino diseases Hypodiarensism USE Extensions Additions Tuberculosis UF Doping (additives) UF Doping (additives) UF Summing UF Summing UF Addition (additives) UF Additives UF Addition (additives) UF Additives UF A				
Endocrino diseases Hypondraneism Hypondranei				
Hypotonsion Additives 1107 Cohosion Substantive law Substantin	Endocrine disesses	· · · · · · · · · · · · · · · · · · ·	—Banding	
Tuberculosis UF Doping (additives)				
Addition 1201		Additives 1107		-Substantive law
UF Summing Modifiers Gluing Grant adjusting Arithmetic NT Admixtures Innerval pressure Innerval Innerv				
BT Arithmetic Number theory Addition polymerization 0703 Antilicing additives Peoling Clearances Addition reactions Committee Processing Collimation Committees Polymerization Polymerization Food additives Saming Collimation Committees Saming Collimation Correction Saming Condenses Summing Saming Saming Saming Collimation Polymerization Food additives Saming Condenses Sumace chemistry Leveling Condenses of Polymerization Food additives Sumace chemistry Leveling Leveling Matching Positioning Condenses Lubricans additives Westing Matching Positioning Addition resins Polymerization Lubricans additives Adhesions (infeasines) 0805 Revisions Positioning Food additives Adhesions (infeasines) 0805 Revisions Positioning Food additives Adhesions (infeasines) 0805 Revisions Food additives Food Saming Food Samin				
Number theory Addition polymerization BT Addition reactions Cement additives Extreme pressure additives Polymerization Food additives Searing Correction Food additives Searing Foundation reactions Food additives Searing Food additives Food additives Surface chemistry Leveling Focusing Leveling Food additives Condonsu in polymerization Food additives Liquid rolket adultives Food additives Food additives Surface chemistry Leveling Focusing Food additives Food additives Food additives Searing Food additives Searing Food additives Food additives Searing Food additives Food additives Searing Food additives Food addi				
Addition polymerization BT Addition reactions Chemical reactions Chemical reactions Chemical reactions Chemical reactions Polymerization Food additives Foo				
Addition reactions Chemical reactions Extreme pressure additives Polymerization Frod additives Polymerization Frod additives Food additives F	Addition polymerization 0703			
Polymerization Food additives Surface chemistry Leveling RT—Addition resins —Fuel additives Surface chemistry Leveling Condonsu in polymerization Liquid reliket additives Yaping Matching —Elastomers Lubricant additives Westing) Positioning Graft polymerization Metal descrivators Adhesions (infeatines) 0805 Revisions —Polycition resins Paint thinners RT—Gaisrontostanal diseases Setting (adjusting) —Thermoplastic resins Pulp additives —Intestinal obstructions Smoothing —Thermosetting resins RT Antifoezes Adhesion tosts 1402 Straightening Addition polymers Antioxidants UF Adhesive tests Adjustment (psychology) 0510 USE Addition reactions 07(3) —Brighteners Adhesive bonding 1308 BT Adaptation BT Chemical reactions RT Antioprise BT Bonding RT Anaparmai psychology		Cement additives		Correction
## Pool additives Surface chemistry Leveling				
Condonsu in polymerization Condonsu in polymerization Elastomers Graft polymerization Metal deactivators —Polycticul resins —Polycticul resins —Polycticul resins —Thermoplastic rasins —Thermoplastic rasins —Thermosetting resins At Antifreezes Antioxidants UF Adhesive tests UF Addition polymers Addition polymers Addition reactions Addition reactions Addition reactions At Antigrafies Antipolymers Ant				
Elastomers Lubricani additivee Adhesions (infeatines) 0605 Revisions Graft polymerization Metal deactivators Plaint thinners Polyctical resins Paint thinners Pulp additives —infeatinal obstructions Smoothing —Thermoplastic rasins Pulp additives —infeatinal obstructions Smoothing —Thermosetting resins RT Antifeazes Adhesion tests 1402 Straightening Addition polymers Antioxidants UF Adhesive tests Adjustment (psychology) 0510 USE Addition reactions 07(3) —Brighteners Adhesive bonding 1308 BT Adaptation BT Chemical reactions —Coatings BT Bonding RT Abnormal psychology			Taping	
Graft polymerization Metal deactivators Adhesions (infrastlines) Q805 Revisions Structure Adhesions (infrastlines) Q805 Revisions Structure Adhesions (infrastlines) Q805 Revisions Structure Additive Adhesives Adhesion tosts 1402 Straightening Addition polymers Antisologism Q91 Addition polymers Antisologism Q91 Addition polymers Addition reactions 0703 Addition reactions 0703 Addition polymers Adhesive bonding 1308 BT Adhesive bonding 1308 BT Adheritor Adhesive bonding 1308 BT Adheritor Adheritor Adheritor Bonding RT Bon	-Elastomers			
Thermoplastic rasins Pully additives —Intestinal obstructions Smoothing —Thermosetting resins RT Antifroezes Adhesion tosts 1402 Straightening Addition polymers Antioxidants UF Adhesive tests Adjustment (psychology) 0510 USE Addition reactions 0703 —Brighteners Adhesive bonding 1308 BT Adaptation BT Adhesive bending 1308 BT Adaptation RT Adhesive bonding 1308 BT Adaptation RT Adhesive bonding 1308 BT Adaptation RT Adhesive Bonding RT Adhesive				Revisions
Thermosetting resins AT Antifeces Adhesing tosts 1402 Straightening Addition polymers Antiexidates UF Adhesive tests Adjustment (psychology) 0510 USE Addition reactions 0703 —Brighteners Adhesive bonding 1308 BT Adpation BT Chemical reactions —Coatings BT Bonding RT Abnormal psychology				
Addition polymers Antioxidants UF Adhesive tests Adjustment (psychology) 0510 USE Addition resins Antistic agents NT Pail tests UF Maladjustment Addition reactions 07(3)Brighteners Adhesive bonding 1308 BT Adherton BT Chemical reactionsCoatings BT Bonding RT Abnormal psychology				
USE Addition reside				
Addition reactions 07(3Brighteners Adhesive bonding 1308 BT Adaptation BT Chemical reactions BT Bonding RT Abnormal psychology				
8T Chemical reactions —Coatings BT Bonding RT Abhormal psychology				
	ST Chemical reactions	Coatings	BT Bonding	RT Abhormal psychology
			RY Achesion	

ABNORNAL ITTES

NASA THESAURUS (ALPHABETICAL LISTING)

```
(USE OF A MORE SPECIFIC TERM IS
RECOMMEND/ D--CONSULT THE TERMS
LISTED BELOW)
RT ABSCRBENTS
AUSCRUCKS (EQUIPMENT)
AUSCRUCKS (HATERIALS)
FATTENUATORS
CLEANERS
OSCILLATION DAMPERS
SHOCK ABSCRBERS
VIBRATION ISOLATORS
ABSCRBERS (EQUIPMENT)
0602 1504
(EXCLUDES EQUIPMENT FOR ABSCRBING ENERGY)
                       ECCENTRICITY
IRREGULARITIES
UNIQUENESS
 ASOKIGINES
C404 3402
RT ANTHROPOLOGY
 HUMAN BEINGS
INHABITANTS
ABORT APPARATUS
       BORT APPARATUS
0203 3102 3103
BT SAFETY DEVICES
RT ABURTED MISSIONS
AIRCRAFT SAFETY
ARRESTING GEAR
BARRIERS
                                                                                                                                                                                         (EXCLUDES EQUIPMENT FUN RESUME)
FOR REPORT
ABSORBENTS
ABSORBERS (MATERIALS)
AIR CONDITIONING EQUIPMENT
ARRESTING GEAR
BARRIERS
PERANES (FCR ARRESTING MOTION)
PDRAG GEVICES
EJECTION SEATS
EGUIPMENT
ESCAPE CAPSULES
ESCAPE ROCKETS
ARORT TRAJECTORIES
1904 3006 3102 3103
BT PTRAJECTORIES
AT ABORTED MISSIONS
MATTS (SYSTEMS)
ARORTED MISSIONS
ESCAPE ARORTES
DESTRUCTION
ENGINE FAILURE
ESCAPE CAPSULES
ESCAPE CAPSULES
ESCAPE ROCKETS
FAILURE
                                                                                                                                                                             ABSORBERS (ABIERTALES)

AIR CONDITIONING EQUIPMENT
CLEANERS
COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUIPMENT)
COOLING SYSTEMS
DEGASSING
DRYING APPARATUS
EQUIPMENT
MATERIAL ABSORPTION
REFRIGERATING MACHINERY
SHOCK ABSCRBERS
ABSORBERS (MATERIALS)
OBO2 1504 1805
(EXCLUDES ABSORBENTS—LIMITED TO
MATERIALS FOR ABSORBING RADIATION
RATHER THAN OTHER MAYERIALS)
NT NEUTRON ABSORBERS
RADAR ABSORBERS
SOLAR ENERGY ABSURBERS
RT ABSORBERS
ABSORBERS
ABSORBERS
ABSORBERS
ABSORBERS
ABSORBERS
ABSORBERS
ABSORBERS
                          FAILURE
MALFUNCTIONS
 MEDDION

GERASION

0405 1504 1801 1808

RY ABRASIVES

CHIPPING

CLEANING

CUTTING
                           2401221M
                                                                                                                                                                                                     ABSORBERS
ABSORBERS (EQUIPMENT)
WATTENUATORS
                                                                                                                                                                                                    CUTTING
DAY FRICTION
ERSSION
                       FILES (TOOLS)

#FILES (TOOLS)

#FILE (TOOLS)

#FILE (TOOLS)
                        LESIONS
METALLOGRAPHY
POLISHING
                                                                                                                                                                                                     RADIATION SHIELDING
REFRIGERANTS
#SHIELDING
   #PULISHING
SCGRING
WEAR
ABRASIGN RESISTANCE
1503 1504
BT #MECHANICAL PROPERTIES
RT HARCKESS
                                                                                                                                                                                                         SINKS
STOPPING POWER
SUPPRESSORS
                                                                                                                                                                                  ABSGRPTANCE
                           HARENESS
RESISTANCE
TOUGHNESS
                                                                                                                                                                                         2310
BT #ELECTROMAGNETIC PROPERTIES
                                                                                                                                                                                                         OPTICAL PROPERTIES ABSORPTION SPECTRA ABSORPTIVITY
     ABRASIVES
1504 1901 1805 1806
MT CARBORUNDUM (TRADEBARK)
                                                                                                                                                                                                         ALBEDO
CAPTURE EFFECT
                            ABRASION
ALUMINUM OXIDES
CERAMICS
                                                                                                                                                                                                         CAPTURE EFFECT
COSHIC RAY ALBEDO
DENSITY (HASS/VOLUME)
EARTH ALBEDO
ELECTROMAGNETIC ABSORPTION
LIGHT TRANSHISSION
OPACITY
                            DIAMONDS
GRIT
PUNICE
                             QUARTZ
SILICON CARBIDES
                                                                                                                                                                                                       REFLECTANCE
#SURFACE PROPERTIES
#TRANSMISSION
     ABSC155AS
    ABSCISSAS
USE #COORDINATES
ABSOLUTE TEMPERATURE SCALES
USE TEMPERATURE SCALES
ABSCREENTS
OGOZ OGOJ 1805
UF MOLECULAR STEVES
BT SCREENTS
                                                                                                                                                                                                           TRANSMISSIVITY
TRANSMITTANCE
                                                                                                                                                                                                           TRANSPARENCE
                                                                                                                                                                                                            TURBIBITY
                                                                                                                                                                                  ANSORPTION
                                                                                                                                                                                             3407 3408

CUSE OF A MORE SPECIFIC TERM IS

RECOMMENDED--CONSULT THE TERMS
                             ABSCRBERS
ABSCRBERS (EQUIPMENT)
ABSCRBERS (MATERIALS)
                                                                                                                                                                                             LISTED BELOW)

I ABSORPTION SPECTRA

ADSORPTION

AYOMIC COLLISIONS

BATTENUATION
                              ADSORBENTS
                             AIR CONDITIONING EQUIPMENT DESICCANTS
                             MATERIAL ABSORPTION MATERIALS
                                                                                                                                                                                                          BENEFICIATION
CAPTURE EFFECT
CULLISION PARAMETERS
      ASSERBERS
                0403 1409 1504 2392 2405 2901 3203
```

■ なまないのです。

ACADEMIC ASFIRATION
ACADEMIC FERFORMANCE
ACADEMIC FERFORMANCE
ACADEMICALLY MANDICAPFEC
AVERACE STUDEN:
COCNITIVE ABILITY
INTELLIGENCE ACADEMIC ACMIEVEMENT ACADEMIC AFTITUDE COMPARATIVE TESTING ACADEMIC ABILITY

UF SCHOLASTIC ABILITY

OT ABILITY COCHITIVE TESTS ABSTRACTING
BT WRITIMG
RT BOCUMENTATION
INDEXING ABSTRACTION TESTS ABLE STUCENTS

HT ACACHIC ABILITY
COCHITIVE ABILITY
INTELLICENCE
LAMCUACE ABILITY (TESTING)
PATCHOMOTOR SKILLS
VERBAL ABILITY

ABILITY GEOUPHE ABILITY IDENTIFICATION ACMIEVEMENT AP71TUDE

E

MECHANICAL SKILLS

HANDICAPPED PERFORMANCE

ASTRATION

ACMIECHENT
ACACENIC ABILITY
ACACENIC ABILITY
ACACENIC AFTILUGE
ACACENIC FEFORMANCE
FIFTED INTELLIGENCE LEARNING DIFFICULTIES GRADES (SCHOLASTIC) HIGH ACHIEVERS 10 E

ABLE STUDENTS
ABLITY TO PERFORM OR ABSONB EDUCATION AT A SPECIFIED
LEVEL)

ASTLITY COCUPING ICENTIFICATION TESTS

ABILITY IDENTIFICATION
BY ICENTIFICATION
RY ABILITY

UF CAPALE STUCENTS
BY STUTENTS
RY ACADEMIC ASILITY
ACADEMIC ACHIEVEMENT
ADVANCES STUCE'S

SUFERIOR STUDENTS UNDERACHTEVERS

UF LOW SCHOLASTIC APTITUDE SCHOLASTIC APTITUDE STUCENT AFTITUCE AFTITUCE

IC DESCRIPTORS

THESAURUS OF

USE AVIATION MECHANICS

A C PECHANICS

W LOW ABILITY

LOW ADLLITY STUCENTS STUCENT ABILITY STUCENTS VERBAL ABILITY

ACILITY
ABILITY SEENTIFICATION

ABILITY GROUP ING

TALENTED STUDENTS

PROCUCTIVITY ROW LEADERS

HONGENEOUS GROUPING LOW ABILITY STUDENTS

ACADEMIC ACHIEVERENT
UF ACADEMIC PROGRESS
ACADEMIC SUCCESS
EDUCATIONAL ACHIEVENENT
EDUCATIONAL LEVEL
SCHOOL ACHIEVENENT
SCHOOL ACHIEVENENT
SCHOOL ACHIEVENENT
STUDENT ACHIEVENENT

LOW ACHIEVERS READING ACHIEVEMENT STUDENTS

USE AMOTATED BIL SRAPHIES

ABSTRACT BIBLICER

SUFERIOR STU

ABSTRACT REASONING

BT THOUGHT PROCESSES
AT COGNITIVE PROCESSES
LOGICAL THINKING
PROCECTIVE THINKING

ACADEMIC APTITUDE

ACACEMIC ABILITY ==

PASE

Fig 4

ABANDONMENT UF Escape (Abandonment) NT EALQUT RT DITCHING ABDOMEN BT BODY ABBERA BLATION RT AERODYNAMIC HEATING AEROTHERIMOELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION ABNOHMAL PSYCHOLOGY (Includes general investigations of irregulive mental phenomena including behavior or mental disorder. dreams, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of amotional disturbances, see PSYCHIATRY) UF Clinical psychology PsyCHOLOGY	UF ACCELERATION TOLERANCE BY TOLERANCES (PHYSIOLOGY) RT BLACKOUT (PHYSIOLOGY) ACCELEROMETERS UF Acceleration integrators ACCEPTABILITY RT MAINTAINABILITY QUALITY CONTROL STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION ACCIDENTS AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES EIRST-AID HAZARDS RESCUES	ACOUSTIC PROPERTIES UF Physical properties (Acoustic) NT ACOUSTIC IMPEDANCE SOUND TRANSMISSION RT HARMONIC ANALYZERS HARMONIC OSCILLATORS NOISE RESONANCE STANDING-WAVE RATIOS ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic stress waives in all type of media, For theoretical studies of waives in the audible frequency, are SOUND.) RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perapox Pleskyles	BT ADHESIVES TAPES ADHESIVES UF Glues Metal-plastic adhesives Metal-plastic adhesives Metal-wood adhesives Metal-wood adhesives Metal-wood adhesives NT ADHESIVE TAPES SEALING COMPOUNDS RT GAS SEALS JOHNTS METAL JOINTS METAL JOINTS METAL SEALS SFAIS (CTOPPERS) Adjustable-pitch propellers USF VAIUANTS (PSYCHOLOGY) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY ADMITTANCE
UF Escape (Abandonment) NT ALLQUT RALQUT RALQUT TO DITCHING ABDOMEN BT BODY ABBIATION RT AERODYNAMIC HEATING AEROTHERIMOELASTICITY COOLING EROSKON SUBLIMATION VAPORIZATION ABNORMAL PSYCHOLOGY (includes general investigations of irregular mental phenomena including behavior or mental disordent, dreams, hallucinations, and mental retardation. For grevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	BT TOLERANCES (PHYSIOLOGY) RT BLACKOUT (PHYSIOLOGY) ACCELEROMETERS UF Acceleration integrators ACCEPTABILITY RT MAINTAINABILITY QUALITY CONTROL STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	NT ACOUSTIC IMPEDANCE SOUND TRANSMISSION RT HARMONIC ANALYZERS HARMONIC OSCILLATORS NOISE RESONANCE STANDING-WAVE RATIOS ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic sires waves in all type of media, For theoretical studies of waves in the audith frequency, see SOUND.) RT ANECHONC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	ADHESIVES UF Glues Metal-plastic adhesives Metal-plastic adhesives Metal-wood adhesives Metal-wood adhesives METAL JOINTS METAL JOINTS METAL SEALS SFALS (STOPPERS) Adjustable-plich propellers UST VANIANT PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
UF Escape (Abandonment) NT ALLQUT RALQUT RALQUT TO DITCHING ABDOMEN BT BODY ABBIATION RT AERODYNAMIC HEATING AEROTHERIMOELASTICITY COOLING EROSKON SUBLIMATION VAPORIZATION ABNORMAL PSYCHOLOGY (includes general investigations of irregular mental phenomena including behavior or mental disordent, dreams, hallucinations, and mental retardation. For grevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	RT BLACKOUT (PHYSIOLOGY) ACCELEROMETERS UF Acceleration integrators ACCEPTABILITY RT MAINTAINABILITY QUALITY CONTROL STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	SOUND TRANSMISSION RT HARMONIC ANALYZERS HARMONIC OSCILLATORS NOISE RESONANCE STANDING-WAVE RATIOS ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic stress waves in all type of media, For theoretical studies of waves in the eudible firequency, are SOUND.) RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perapox	UF Glues Meta-plastic adhesives Meta-plastic adhesives Meta-blastic adhesives Meta-rubbar adhesives Meta-rubbar adhesives METAL BORD ADHESIVE TAPES SEALING COMPOUNDS RT GAS SEALS JOHNTS METAL JOHNTS METAL SEALS SEALS (CTOPPERS) Adjustable-plich propellers USF VAHIANI E PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
UF Escape (Abandonment) NT BALCUT RALCUT RAL	ACCELEROMETERS UF Acceleration integrators ACCEPTABILITY RT MAINTAINABILITY QUALITY CONTROL STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	RT HARMONIC ANALYZERS HARMONIC OSCILLATORS NOISE RESONANCE STANDING-WAVE RATIOS ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic stress waves in all type of media, For theoretical studies of waves in the audibin finguancy, are SOUND.) RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perapox	Metal-glass adhysives Metal-plastic adhesives Metal-blastic adhesives Metal-wood adhesives Metal-wood adhesives NT ADHESIVE TAPES SEALING COMPOUNDS RT GAS SEALS JOHNTS METAL JOINTS METAL SEALS SFALS (CTOPPERS) Adjustable-plich propellers UST VALUATH (PSYCHOLOGY) UF Adaptablity (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
UF Escape (Abandonment) NT BATCOUT NT BATCOUT NT DITCHING NBDOMEN BT BODY Uselian fields USE ALGEBRA USELATION RT AERODYNAMIC HEATING AEROTHERIMOEL ASTICITY COOLING EROSION SUBLIMIATION VAPORIZATION UNION ALL PSYCHOLOGY Includes general investigations of irregular mental phenomena including behavior or mental disportent, dreams, halfucinations, and mental retardation. For prevention, diagnosis, and therapy of emotional disturbances, see PSYCHIATRY) UF Chical psychology Psychology PSYCHOLOGY	UF Acceleration integrators ACCEPTABILITY RT MAINTAINABILITY QUALITY CONTROL STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	HARMONIC OSCILLATORS NOISE RESONANCE STANDING-WAVE RATIOS ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production., behavior, and reception of elastic sires waves in all type of media, For theoretical studies of waves in the audiah integuancy, see SOUND.) RT ANECMONE CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	Metal-plastic adhesives Matal-rubbar adhesives Matal-wood adhesives Matal-wood adhesives Matal-wood adhesives Matal-wood adhesives SEALING COMPOUNDS RT GAS SEALS JOHNTS METAL JOINTS METAL SEALS SFALS (STOPPERS) Adjustable-pitch propollers UST VAHIABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
NT PAILOUT RT DITCHING ABDOMEN BT BODY IDERIAN SIES SON BELATION RT AERODYNAMIC HEATING AEROTHERIMOELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION IBNOMMAL PSYCHOLOGY (Includes general invistigations of irringuist mental phenomena including behavior or mental disordent dreams, halfucinations, and mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Chincel psychology Psychology Psychology Psychology PSYCHOLOGY	ACCEPTABILITY RT MAINTANABILITY QUALITY CONTROL STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION ACCIDENTS AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	RESONANCE STANDING-WAVE RATIOS ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic stress waves in all type of medie, For theoretical studies of waves in the audible frequency, and SOUND.) RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	Metal-wood adheaves NT ADHESIVE TAPES SEALING COMPOUNDS RT GAS SEALS JOINTS METAL SEALS SEALS (CTOPPERS) Adjustable-pitch propellers UST VAIUALLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptablety (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
RT DITCHING IBDOMEN BT BODY Ibelian fleids USE ALGEBRA IBLATION RT AERODYNAMIC HEATING AEROTHERIMOELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION USHOMMAL PSYCHOLOGY (Includes general invastigations of irregular mental phenomena including behavior or mental discorden. Greams, althounetions, and mental retardation. For grevention, diagnosis, and thorapy of emotional disturbences, see PSYCHIATRY) UF Clinical psychology Psychology Psychology Psychology PSYCHOLOGY	QUALITY CONTROL STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST-AID HAZARDS	STANDING-WAVE RATIOS ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production., behavior, and reception of elastic sires waves in all type of media, For theoretical studies of waves in the audible firequency, see SOUND.) RT ANECHONC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	NT ADHESIVE TAPES SEALING COMPOUNDS RT GAS SEALS JOINTS METAL JOINTS METAL SEALS SFALS (STOPPERS) Adjustable-pitch propollers USF VALIBABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
BT BODY bellan fields USE ALGEBRA BLATION RT AERODYNAMIC HEATING AEROTHERMOELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION UNDOMMAL PSYCHOLOGY (Includes general investigations of irrigular mental phenomena including behavior or mental disorders; dreams, halfucinations, and mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Chincel psychology Psychology PsyCHOLOGY	STANDARDS TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST-AID HAZARDS	ACOUSTIC RANGES RT HYDROPHONES ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic stress waves in all type of media, For theoretical studies of waves in the audith frequency, see SOUND.) RT ANCEMONE CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTHASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	SEALING COMPOUNDS RT GAS SEALS JOINTS METAL JOINTS METAL SEALS SFALS (STOPPERS) Adjustable-pilch propellers UST VARIABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptablety (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
Abelian fields USE ALGEBRA ABLATION RT AERODYNAMIC HEATING AEROTHERIMOELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION ABNOHMAL PSYCHOLOGY (Includes general invisitgations of irregulity mental phenomena including behavior or mental disorders; dreams, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of amotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	TOLERANCES (MECHANICS) ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	RT HYDROPHONES ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic stress waves in all type of media, For theoretical studies of waves in the audibit frequency, see SOUND.) RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	RT GAS SEALS JOHTS METAL JOHTS METAL SEALS SEALS (CTOPPERS) Adjustable-pitch propellers USF VARIABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptablety (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
USE ALGEBRA BLATION AT AERODYNAMIC HEATING AEROTHERIMOELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION LBNOHMAL PSYCHOLOGY (includes general invistigations of irregular mental phenomena including behavior or mental disordent, dreams, althounetions, and mental retardation. For grevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Chincal psychology Psychology BT PSYCHOLOGY	ACCIDENT INVESTIGATION RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	ACOUSTICS (Theoretical studies of the production, behavior, and reception of elastic stress waves in all type of medie, For theoretical studies of waves in the audibin firinguancy, are SOUND.) AT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	JOINTS METAL JOINTS METAL SEALS SEALS (CTOPPERS) Adjustable-pitch propellers USE VALUABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
IBLATION RT AERODYNAMIC HEATING AEROTHERIMGELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION ABNORMAL PSYCHOLOGY (Includes general investigations of irrigular mental phenomena including behavior or mental disorden: dreams, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Chincel psychology Psychology PSYCHOLOGY	RT ACCIDENTS AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST-AID HAZARDS	(Theoretical studies of the production, behavior, and reception of elastic stress waves in all type of medic, For theoretical studies of waves in the audith frequency, see SOUND.) RT ANCEMOK CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTHASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	METAL JOINTS METAL SEALS SEALS (STOPPERS) Adjustable-pitch propolers UST VARIABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
RT AERODYNAMIC HEATING AEROTHERMOELASTICITY COOLING EROSKIN SUBLIMATION VAPORIZATION ABNORMAL PSYCHOLOGY (Includes general investigations of irregular mental phenomena including behavior or mental disorden; dreams, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Chinical psychology Psychopathology BT PSYCHOLOGY	AVIATION ACCIDENTS AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	behavior, and reception of elastic stress waves in all type of medic, For theoretical studies of waves in the audible frequency, are SOUND.) RT ANCCHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	METAL SEALS STALS (STOPPERS) Adjustable-pitch propellers USF VARIABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
AEROTHERMOELASTICITY COOLING EROSKON SUBLIMATION VAPORIZATION ABNOHMAL PSYCHOLOGY (Includes general invisitgations of irragular mental phenomena including behavior or mental disorders, draems, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of amotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	AVIATION INJURIES AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	stress waves in all type of media. For theoretical studies of waves in the eudible frequency, see SOUND.) RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	Adjustable-pitch propellers UST VARIABLE PITCH PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
COOLING EROSION SUBLIMATION VAPORIZATION NEWORMAL PSYCHOLOGY (Includes general investigations of irregular mental phenomena including behavior or mental disordent, dreams, halfucinations, and mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	AVIATION SAFETY ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	theoretical studies of waves in the sudine trequency, see SOUND.) RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	UST VARIABLE PLICE PROPELLERS ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
EROSKIN SUBLIMATION VAPORIZATION VAPORIZATION ABNORMAL PSYCHOLOGY (includes general investigations of irregular mental phenomena including behavior or mental disorden: dreams, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of amotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopthology ST PSYCHOLOGY	ACCIDENTS NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST-AID HAZARDS	RT ANECHOIC CHAMBERS MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	ADJUSTMENT (PSYCHOLOGY) UF Adaptability (Psychology) BT BEHAVIOR AT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
SUBLIMATION VAPORIZATION ABNOHMAL PSYCHOLOGY (Includes general investigations of irregular mental phenomena including behavior or mental disorden: dreams, hallucinations, end mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	NT AVIATION ACCIDENTS COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	MECHANICAL WAVES PSYCHOACOUSTICS SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucine Perspox	UF Adaptability (Psychology) BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
VAPORIZATION ABNOMMAL PSYCHOLOGY (includes general investigations of irregular mental phenomena including behavior or mental disordent, dreams, halfucinations, and mental retardation. For prevention, diagnosis, and therapy of emotional disturbences, see PSYCHIATRY) UF Chical psychology Psychology PSYCHOLOGY	COLLISIONS MOTOR VEHICLE ACCIDENTS RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRES FIRES FIRES FIRST-AID HAZARDS	PSYCHOACOUSTICS SOUND ULTHASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	BT BEHAVIOR RT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
ABNORMAL PSYCHOLOGY (Includes general investigations of irregular mental phenomena including behavior or mental disordent, dreams, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Chinical barchology Psychopathology BT PSYCHOLOGY	RT ACCIDENT INVESTIGATION CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST—AID HAZARDS	SOUND ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	AT CONDITIONED REFLEX GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
(includes general investigations of irregular mental phenomena including behavior or mental disordent dreams, hallucinations, and mental retardation. For prevention, diagnosis, and thorapy of amotional disturbances, see PSYCHIATRY) UF Chinical psychology Psychopathology BT PSYCHOLOGY	CASUALTIES DISASTERS EXPLOSIONS FIRES FIRST-AID HAZARDS	ULTRASONIC RADIATION ACRYLIC RESINS UF Lucite Perspox	GROUP DYNAMICS LEADERSHIP PSYCHOLOGY
irregular mental phenomena including behavior or mental disordent, dreams, hallocinations, and mental retardation. For prevention, diagnosis, and thorapy of amotional disturbances, see PSYCHIATRY) UF Chinical psychology Psychopathology PSYCHOLOGY	DISASTERS EXPLOSIONS FIRES FIRST-AID HAZARDS	ACRYLIC RESINS UF Lucite Perspex	LEADERSHIP PSYCHOLOGY
disorden: dreams, halfucinations, and mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Chinical psychology Psychopathology BT PSYCHOLOGY	EXPLOSIONS FIRES FIRST-AID MAZARDS	UF Lucite Perspex	PSYCHOLOGY
end mental retardation. For prevention, diagnosis, and thorapy of emotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	FIRES FIRST-AID HAZARDS	Perspox	
prevention, diagnosis, and therapy of emotional disturbances, see PSYCHIATRY) UF Clinical psychology Psychopathology BT PSYCHOLOGY	FIRST-AID HAZARDS		
emotional disturbances, see PSYCHIATRY) UF Chincip psychology Psychopathology 8T PSYCHOLOGY	HAZARDS	1 1921/9100	Adrenal cortex hormones
PSYCHATRY) UF Chnical psychology Psychopathology BT PSYCHOLOGY		Polymethylmethacrylate	USE CORTICOSTEROID AGENTS
UF Chnical psychology Psychopathology BT PSYCHOLOGY		BT PLASTICS	ADRENAL GLANDS
Psychopathology BT PSYCHOLOGY	SAFETY	Activated carbon	BT ENDOCRINE GLANDS
BT PSYCHOLOGY	SURVIVAL	USE CARBON	GLANDS
	WOUNDS & INJURIES	ACTUATORS	ADRENAL MEDULLA HORMONE
NT PSYCHIATRY	ACCLIMATIZATION	(For actualors with feedback, see	BT HORMONES
STRESS (PSYCHOLOGY)	(Physiological adjustment to climatic	SERVOMECHANISMS. For	NT EPINEPHRIME
RT ANXIETY	conditions.)	Indicators, see SYNCHROS.) NT EXPLOSIVE ACTUATORS	LEVARTERENOL
BEHAVIOR	BT ADAPTATION (PHYSIOLOGY)	HYDRAULIC ACTUATORS	RT AUTONOMIC AGENTS
CRIMINOLOGY	ACHIEVEMENT TESTS	RT SERVOMECHANISMS	SYMPATHOMIMETIC AGENTS
EMOTIONS	(Standardized educational lests	SOLENGIOS	Adronalin USE EPINEPHRINE
FEAR SENSORY DEPRIVATION	constructed to sample the	ACUITY	
Abrasion	proficiency level or adequecy of past learning in any given field of study.)	NT VISUAL ACUITY	Adrenergic agents USE SYMPATHOMIMETIC AGENTS
USE ABRASIVES	BT PSYCHOMETRICS	RT PERCEPTION	Adrenergic nerves
Abrasion resistance	RT INTELLIGENCE TESTS	BENSORY MECHANISMS	USE AUTONOMIC NERVOUS SYSTEM
USE WEAR RESISTANCE	PSYCHOMOTOR TESTS	THRESHOLDS (PHYSIOLOGY) TOUCH	ADRENOCORTICOTROPIC
Urusive coatings	ACID-BASE EQUILIBRIUM	Adaptability (Psychology)	HORMONE
USE ABRASIVES	Acidemia	USE ADJUSTMENT (PSYCHOLOGY)	UF Corticotropin
ABRASIVES	USE ACIDOSIS	ADAPTATION (PHYSIOLOGY)	BT HORMONES
UF Abrasion	Acidity	UF Aithude adaptation	ADRENOCORTICOTROPIC
Abrasive coatings	USE PH	Dark adeptation	HORMONES
Broach powders	ACIDOSIS	General adaptation syndrome	UF ACTH
Commutator stones	UF Acidemia	Light edeptation	Corticotropin
Grinding materiels	ACOUSTIC DETECTORS	Night vision	BT HORMONES PITUITARY HORMONES
RT CORUNDUM DIAMONDS	BT ACOUSTIC EQUIPMENT	NT ACCLIMATIZATION	Adsorbents
ABSORPTION	DETECTION DETECTORS	RT STRESS (PHYSIOLOGY) ADAPTIVE CONTROL SYSTEMS	USE ADSORPTION
(The relention and conversion into	AT MICROPHONES	(Control systems that continuously	ADSORPTION
another form of energy of rays.	POSITION FINDING	measure and evaluate dynamic	UF Adepres
neves, or particles by a subulance.)	ACOUSTIC EQUIPMENT	performance and supply continuous	BT SURPTION
AT ACOUSTIC INSULATION	UF Sound equipment	readjustments on the basis of the	SURFACE PROPERTIES
ATTENUATION	MT ACOUSTIC DETECTORS	eveluations)	Acollelle rotors
DESICCANTS	ACOUSTIC FILTERS	UF Self-adaptive control systems	USE JET HELICOPTER ROTORS
RESONANCE ABSORPTION	ANECHOIC CHAMBERS	SY CONTROL SYSTEMS	AERIAL CAMERAS
SMELDING SURFACE PROPERTIES	ELECTROACOUSTIC	ADDITIVES	ST CAMERAS
VIBRATION ISOLATORS	TRANSDUCERS	NT ANTIOXIDANTS FUEL ADDITIVES	AT RADAR RECORDING CAMERAS
Abstracting	MYDROPHONES MEGAPHONES	LUBRICANT ADDITIVES	WIDE-FIELD CAMERAS
USE ABSTRACTS	MICROPHONES	Adenine	AERIAL PHOTOGRAPHS BT PHOTOGRAPHS
ABSTRACTS	NOISE GENERATORS	USC PURINES	AT MOTION PICTURES
UF Abstracting	SOUND GENERATORS	Adenine derivatives	AERIAL PHOTOGRAPHY
Briefs	SOUND REPRODUCTION	USE PURMES	BT PHOTOGRAPHY
Resumes	SYSTEMS	Adenesine	RY AFRIAL RECONNAISSA "E
Summeries	RT HARMONIC ANALYZERS	USE PURINES	AERIAL PICKUP SYSTEMS
BT DOCUMENTATION	HARMONIC OSCILLATORS	ADENOSINE PHOSPHATES	BT AIRCRAFT EQUIPMENT
RT REPORTS	NOISE	UF Adenytic seld	RY AIR-DROP OPERATIONS
ABUNDANCE	ACOUSTIC FILTERS	ADP	Aerial propellers
UF Ave ability	BY ACOUSTIC EQUIPMENT	ATP	USE PROPELLERS (AERIAL)
Acericidos	ACOUSTIC IMPEDANCE	AT MUSCLES	ATRIAL RECONNAISSANCE
USE PESTICIDES	UF Impedance (Acoustics)	NUCLEOSIDES	RT AERIAL PHOTOGRAPHY
ACCELERATION	BT ACOUSTIC PROPERTIES	NUCLEOTIDES	AIR FORCE OPERATIONS
UF G-forces	RT MPEDANCE MATCHING	Adonytic ocid	PHOTO INTERPRETATION
BT MOTION	ACOUSTIC INSULATION	USE ADENOSHIE PHOSPHATES	PHOTOGRAMMETRY
RT DECELERATION THRUST	UF Insulation (Acoustic) Insulators (Acoustic)	ADMESION RT SONDERG	RECOMMAISSANCE PLANES AERIAL RUDDERS
AFFOCASA	genyations (victionis)	SURFACE PROPERTIES	UF Rudders (Aeriel)

-27ALPHABETICAL LIST

NAL. Agriculturel/Brotogrand Virebulary. Cypuli-Cont 1967.

			67.
+ (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE + UF CCC	11E	+ ABR TEST + USE MILK RING TEST	048
+ CYCOCEL + BT PLANT REGULATORS		+ ABUTILON THEOPHRASTI + USE CHINA JUTE	114
+ ABACARUS HYSTRIX + UF GRAIN RUST MITE	07E	+ ACACIA + UF WATTLE (TREE) + BT LEGUMINOSAE	110
+ ABGRALLASPIS + BT DIASPIDIDAE	07E	+ ACACIA ARABICA + UF BABUL ACACIA	11F
+ ABGRALLASPIS HOWARDI + UF HOWARD SCALE	07 E	+ ACACIA CATECHU + UF KHAIR	110
+ ABIES + UF FIR + BT CONIFERAE	115	+ ACALYMMA VITTATUM + UF CUCUMBER BEETLE + STRIPED CUCUMBER BEETLE	075
+ ABIES ALBA + UF SILVER FIR	115	+ ACANTHOCEPHALA + BT NEMATHELMINTHES	048
+ ABIES AMABILIS + UF AMABILIS FIR + CASCADES FIR	115	+ ACANTHOLYDA ERYTHROCEPHALA + UF PINE FALSE WEBWORM	07E
+ PACIFIC SILVER FIR + AUIES BALSAMEA + UF BALSAM FIR	11F	ACANTHOMA BT NEOPLASMS	10€
+ ABIES CEPHALONICA + UF GREEK FIR	116	+ ACANTHOSCELIDES OBTECTUS + UF BEAN HEEVIL	07F
+ ABIES CONCOLOR + UF WHITE FIR	11F	a ACARIASIS + RT MITES	048
+ ABIES GRANDIS + UF GRAND FIR	11F	+ ACARID MITES + USE ACARIDAE	07H
+ LOWLAND FIR + ABIES LASIOCARPA + UF ALPINE FIR	11F	+ ACARIDAE + UF ACARID MITES + NT TYROPHAGUS + RT MITES	07H
+ ABIES MAGNIFICA + UF CALIFORNIA RED FIR	115	+ ACARINA + NT MITES	67H
+ RED FIR + ABIES PINDROW + UF PINDROW FIR	11F	+ TICKS + BT ARACHNIDA + ACARUS SIRO	07F
+ ABIES PINSAPO + UF SPANISH FIR	116	+ UF CHEESE MITE + GRAIN MITE	•••
+ ABIES PROCERA + UF NOBLE FIR	116	+ ACER + UF MAPLE + BT ACERACEAE	115
+ ABIES RELIGIOSA + UF PINABETE + SACRED FIR	115	+ ACER MACROPHYLLUM + UF BIGLEAF MAPLE + BROADLEAF MAPLE	115
+ ABIES SACHALINENSIS + UF SAKHALIN FIR	116	+ ACER NEGUNDO + UF BOXELDER	110
+ ABIES SIBIRICA + UF SIBERIAN FIR	11F	+ ACER PALMATUM + UF JAPANESE MAPLE	115
+ ABIES VENUSTA + UF BRISTLECONE FIR	11F	+ ACER PLATANGIDES + UF NORWAY MAPLE	115
ABNORMALITIES UF ANOMALIES	10	+ ACER PSEUDOPLATANUS + UF PLANETREE MAPLE	115
+ ABORTUS-BANG-RING TEST + USE MILK RING TEST	048	+ ACER RUBHUM + UF RED MAPLE	115

Fig b

SUBJECT HEADINGS

A-1 Reactor
see Food Irradiation Facilities F-1 Reactor (Czachoslovakia) see Bohunice Power Reactor, Unit 1 see Carrier Vessel Reactor AZV see Carrier Vessel Reactor ree Carrier Vessel Reactor A-286 (IRON ALLOY)
xx CHRGHIUM ALLOYS AND SYSTEMS XX IRON ALLOYS AND SYSTEMS MANGANESE ALLOYS AND XX SYSTEMS ME HOLYBDENUM ALLOYS AND SYSTEMS RE NICKEL ALLOYS AND SYSTEMS THE TITAMIUM ALLOYS AND SYSTEMS A-esterase ale Arylesterase
A. LINCOLN CLAIM (MONT.)
E. Lincoln Claim; A. (Mont.) see Argonne Advanced Research Reactor see Carbanic Acid, Bis(2,2dimethyl-1agiridinyl)phospkinyl-s Ethyl Ester AMAJO ROUNTAINS DISTRICT (UTAN) A SHO GRA see also Peritoneus ABBONI HAL VISCERA see size Bladder
see size Gell Bladder
see size Intestine
see size Kidneys
see size Liver
see size Percreas eve also Spleer ver also Stonach Andern-Orlan Besin (Merocco) ses Orlan-Abdeun Bosin APE LINCOLM PINE REACTOR
FACILITY A APRE

A Army Pulse Rediction

Facility (Aberdeum)

EX MINCTORS, FAST

ANIQUIM DISTRICT (N. NEX.)

ANIATION

(Men-exreic 1)

XX HEAT TRANSFER Able Burst see Buster-Jangle Operation Abnorma il ties see Dysplasia ABRASION MASIUM
see also Erosion
see also Grinding
see also Polishing
see also Weer XX EROSION
XX FRICTION WEAR ABRASIVES Absorption Cross Sections see Cross Sections ABSORPTION SPECTRA see also Atomic Absorption Spectromatry
SPECTRA ACAN THOCEPHALA AN INAL S ACCEL ERATION see also Valocity
x Deceleration
xx VELOCITY Acceleration Integrators see Acceleronsters
Accelerator-Pulsed Fast Assembly see Critical Assemblies Accelerator Storage Rings see Storage Rings Accelerator Targets
see Radiation Targets
ACCELERATOR TUBES
XX POWER SUPPLIES
XX TUBES ACCEL ERATOR S see also Resa Separators see also Betatrons see also Brookhaven Synchrotron see also Calutrons see also Cockcroft-Welton Accelerators
see also Cyclotrens
see also Electron-Ring Accelerators see slee Electrostatic Generators see elso FFAG Synchrotrons see elso Gravisators see also Linear Accelerators set also Materials Testing Accelerators
are also Plassa Accelerators
see also Storage Rings
see also Synchrocyclotrons see also Synchrotrons
see also van de Grauff Accelerators a Meavy Parti Accelerators a Particle Ac meany Particle Porticio Accoloratore # Particle Accel
GRAVINETERS
STURAGE RINGS

ACCELEROMETERS x Acceleration Integrators xx GAGES AND METERS xx TRANSDUCERS ACCIDENTS see also Disasters x Criticality Accidents
xx DISASTERS see also Reactor Safety XX SAFETY ACCOUNTING see also SF Muteriels Accounting Accumula tors see Storage Betteries
ACE CREEK PROSPECT (SASKATCHEWAN) Ace Event SEE PLOWSHERE PROJECT
ACE LAKE (SASKATCHEWAN)
ACE LAKE AREA (SASKATCHEWAN)
ACE HINE (HOPTHWEST TERRITORIES)
ACENAPHTHENE ACE NA PHITHENE, 1-MET HOXY-ACE NA PHITHENE QUINONE ACE NA PHT HY LENE ACENER See Elementary Particles ACETALDENYDE ACETALDEHYDE--AMMONIA x Ethenol, 1-Asi no
ACETALDENYDE, 2-CHLOROAcetaldenyde, Hydroxysee Glycole idehyde ace Glycole idenyde
ACETALDEHYDE, FHENYLACETALDEHYDE, TRIBRONOx Brosel
Acetaldehyde, Trichlcrosee Chloral
ACETALDEHYDE, TRIFLUGROx Fluoral
ACETALS ACETAPIDE me also Discatanida
x Acatic Acid, Asida
Acatic Acid, Asida
Acatamida, 2,2-Dichloro-M-(#hydroxy-a-(hydroxysathyl-pnitrophanathyl)nitrophemathy!]see Chloremphemicc!
ACETARIDE, N.M-DIMETHYLACETARIDE, N-ETHYLACETARIDE, N-FLUGREN-2-YLACETARIDE, 2-FLUGROACETARIDE, 2-HERCAPTO-N-2MAPMINYLACETARIDE, 2-MERCAPTO-N-2MAPMINYL-Thi one lide Ace temide, H-[2-(5-Methexyindel-3-yi) athyi)-mee Pelatonin ACETARIDE, M-METHYL-ACETARIDE, THIC-ACETARIDE, TRICHLORO-ACETARIDE, 2,2,2-TRIFLHORO-

ACADEM	TC STANDARDS
R	7 3001
	ACCREDITATIONS ADMISSIONS
	·
ACADEM US	IC SUCCESS E Achievement
ACCELE	PATION
\$	N THE PROCESS OF PROGRESSING IMPOUGH
	THE SCHOOL GRADES AT A MATE CARLED
U	THAN THAT OF THE AVERAGE CHILD F SKIPPING
R.	
	ADVANCED PLACEMENT PROGRAMO Rate
ACCENT	JATIGN
SI	SPEECH
R1	7 9004 Speaking
ACCEPTA	
SA	THE PERSON NAMED OF THE PERSON SURFAMI
RT	ANOTHER
ACCIDEN	
SN R T	
	ACCIDENT PREVENTIONS
	TRAFFIC SAFETY
	* INSURANCE
RY	23001
ACCIDEN	T PREVENTION
RT	2007
	ACCIDENTO
	SCHOOL INJUNYD
	TAL ERROR
SM	A CONTRACT OF MENTIONE AND THE INCH
RT	\$ALUE \$005
•	MEASUREMENTSO
ACCOMPL	I CLIMÉNIE
USE	ACHIEVENENT
ACCOUNT!	
41	1908
ACCOUNT :	NG 17006
ACCRED: 1	'ATIG _N
SN	OF EDUCATIONAL INSTITUTIONS
RT	2007
	ACADEMIC STANDARDED
ACCULTUR	ATION
USE	CULTURAL ASSINILATION
ACCURACY	
UF	CORRECTNESS
	PRECISION
ĦT	#003 Clarity
	CONSISTENCYO
	ERROR
CHIEVER	fut
ŲF	ACADEMIC IMPROVEMENT
	ACADEMIC SUCCESS
	ACCOMPLISHMENT
	ATTALNMENT IMPROVEMENT
	PERFORMANCE
MT	GVERACHIEVENENT
RT	UNDERACHIEVENENT
",	ACHIEVERENT TERTO
	COURSE COMPLETIONS

SCHOLASTIC PRORATIONS SCORES ACHIEVEMENT TEST UF EDUCATIONAL TEST RY 2002 ACHIEVEMENTS ACHROMATIC COLOR UF BLACK AND WHITE RY 9003 ACOUSTICS SN SOUND AFFECTING QUALITIES OF A ROOM RY 9004 ADAPTABILITY RY 7003 SOCIALIZATION ADDICTION RY 8001 DRUGSS JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RY 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RY 3002 ABILITY ACMIEVEMENT AE ACMIEVEMENT ADDICTION RY 3002 ABILITY ACMIEVEMENT AE ACMIEVEMENT FEELING OF INADEQUACY	ULT SN ST SN ST SN
UF EDUCATIONAL TEST RT 2002 ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO AD ACHIEVEMENTO AD ACHIEVEMENT AD ACHIEVEMENTO AD ACHIEVEMENTO AD ACHIEVEMENTO ACHIEVEMEN	VANCED RT VANCEME USE VERBS RT VISING USE VISOR USE VISOR
UF EDUCATIONAL TEST RT 2002 ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO ACHIEVEMENTO AD ACHIEVEMENTO AD ACHIEVEMENT AD ACHIEVEMENTO AD ACHIEVEMENTO AD ACHIEVEMENTO ACHIEVEMEN	VANCED RT VANCEME USE VERBS RT VERTISING TO USE VISING USE VISOR USE STHETTI
ACHROMATIC COLOR ACHROMATIC COLOR UF BLACK AND WHITE RT 9003 ACOUSTICS SN SOUND AFFECTING QUALITIES OF A ROOM RT 9004 ADAPTABILITY RT 7003 SOCIALIZATION ADDICTION RT 8001 ERUGSP JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF ANGUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	VANCED RT VANCEME USE VERBS RT VERTISING TO USE VISING USE VISOR USE STHETTI
UF BLACK AND WHITE RT 9003 ACOUSTICS SN SOUND AFFECTING QUALITIES OF A ROOM RT 9004 ADAPTABILITY RT 7003 SOCIALIZATION ADDICTION RT 8001 DRUGSP JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACMIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	VANCED RT VANCEME USE VERBS RT VERTISING VISING USE VISOR USE STHETTI
ACOUSTICS SN SOUND AFFECTING QUALITIES OF A ROOM RT 9004 ADAPTABILITY RT 7003 SOCIALIZATION ADDICTION RT 8001 DRUGSP JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACMIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	AT VANCEME USE VERBS RT VERTISING VISING USE VISOR USE STHETTI
SN SOUND AFFECTING QUALITIES OF A ROOM RT 9084 ADAPTABILITY RT 7083 SOCIALIZATION ADDICTION RT 8001 BRUGSP JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACMIEWEMENT FEELING OF INADEQUACY ADJECTIVES RT 16001	AT VANCEME USE VERBS RT VERTISI RT VISING USE VISOR USE STHETTI
SN SOUND AFFECTING QUALITIES OF A ROOM 9004 ADAPTABILITY RT 7003 SOCIALIZATION ADDICTION RT 8001 DRUGSP JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACMIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	AT VANCEME USE VERBS RT VERTISING VISING USE VISOR USE STHETTI
SOCIALIZATION ADDICTION RT 8001 DRUGSP JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY RT 3002 ABILITY ACHIEVENET FEELING OF INADEQUACY ADJECTIVES RT 16001	USE VERBS RT VERTISI RT VISING USE VISOR USE STHETII
SOCIALIZATION ADDICTION RT 8001 ERUGSO JUVENILE DELINQUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACMIEVEMENT FEELING OF INADEQUACY ADJECTIVES RT 16001	VERBS RT VERTISING VISING USE VISOR USE STMETTI
ADDICTION RT 8001 DRUGSP JUVENILE DELINQUENCY MEMIAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACMIEVEMENT FEELING OF INADEQUACY ADJECTIVES RT 16001	RT VERTISE RT VISING USE VISOR USE STHETTI
RT 8001 BRUGS9 JUVENILE DELINGUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17805 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	VERTISING VISING USE VISOR USE STHETTI
DRUGSP JUVENILE DELINDUENCY MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 302 ABILITY ACMIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	VISING USE VISOR USE STHETI
MENTAL MEALTH ADDITION SN ARITHMETICAL CALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	VISING USE VISOR USE STHETI
SN ARITHMETICAL GALCULATION RT 17005 ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	USE VISOR USE STHETTI
ADEQUACY SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY AT 3002 ABILITY ACMIEVEMENT FEELING OF INADEQUACY ADJECTIVES RT 16001	USE VISOR USE STHETTI
ADEQUACY SM OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY AT 3002 ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	USE VISOR USE STHETTI
SN OF AMOUNT OF SUPPLIES OR STAFF UF INSUFFICIENCY SUFFICIENCY RT 3002 ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	visor USE STHETI
ADJECTIVES RY 16001	USE STHETTI
AT 3002 ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	STHETTI
ABILITY ACHIEVENENT FEELING OF INADEQUACY ADJECTIVES RT 16001	
FEELING OF INADEQUACY ADJECTIVES RT 16001	
ADJECTIVES AF	RT
RT 16001	FECT SN
ADJUSTHENT	NT
S# ·	RT
RT 2021 SGCIAL ADJUSTMENT	
ADMINISTRATING SN *	
UF COORDINATING	
MANAGING RT 2007 AF	FECT T
DECISION MAKINGO	RT
TEACHER ADMINISTRATION RELATIONS TEST ADMINISTRATION	
ADMISSION AF	FECTIC Sh
UF ENTRANCE	RT
MATRICULATION N1 EARLY ADMISSION AF	FECTIV
RT 2010	91
ACADEMIC STANDARDS# ADMISSION TEST#	NT
ADMISSION TEST	
	81
ADMISSIONS	RT FECTIV
A WALL FROM LAND	
APOLESCENCE	FECTIV
SM AGE THELYE TO THEMTY DHE	FECTIV SN
SW AGE TWELVE TO TWENTY ONE UF TEEN AGE NT EARLY ADDIESCENCE	FECTIV SM RT
SN AGE THELVE TO THENTY ONE UF TEEN AGE NT EARLY ADOLESCENCE LATE ADOLESCENCE	FECTIV SH RT
SM AGE THELVE TO THEMTY ONE UF TEEN AGE MT EARLY ADOLESCENCE LATE ADOLESCENCE MID ADOLESCENCE	FECTIVE SH
SM AGE THELVE TO THEMTY ONE UF TEEN AGE MY EARLY ADOLESCENCE LATE ADOLESCENCE MID ADOLESCENCE MID ADOLESCENCE AG	FECTIVE SN RT
SM AGE THELVE TO THEMTY ONE UF TEEN AGE MY EARLY ADOLESCENCE AGD ADOLESCENCE AGD	FECTIVE SN RT
SA AGE THELVE TO THENTY ONE UF TEEN AGE MT EARLY ADOLESCENCE LATE ADOLESCENCE MID ADOLESCENCE RT 8869 AGID*TION	FECTIVE SM RT

A TANK THE PARTY OF THE PARTY O

MERARCHICAL INDEX

A	nide	88	(Con.)
٠	. Th	ieu	rass
	- 1	Cim.	منصدمها

. . Ures

Amines

. Acyclic amines . . Diethylamine

Dimethylamine

Ethanolamine

Ethylamine

, Mathylamine Amidines

Aralkylamines

Bonzylamine Diethylpropion

Dopamine Epinephrine

Mephenterr

Methylene blue

Norapinephrine

Phenoxybenzamine Trimethobenzamide

Tyramic. **Arvismines**

. Anilines

. Oxophenarsine

Sulfanilamide

Sulfanilic acid . Tolukline

Diphenylamine Methylene blue

Phentolamine

. Phenylenediar Catecholamines

Dopamine

Norepinephrine Fluoroamines

eterocyclic am

Hexamethylene

Physostigmir

. Meperidine . Mepivacaln . Methylphen

Pipradrol

Trihexylpheni

. Tropanes

Cocaine Hyoscyami Scopolemic

Melaminen

Nitramines Polyamines

. Diamines

EDTA

Ethylenedi

Guanidines . Guanethidine . Guanidine nitr

Phenylenediamir

Primary amine

Anilines

Oxophena Sulfanilam

Sulfanilie acid

Cycloserine

Dopamine Ethanolamine

Ethylemine

Ethylenedian Methylemine

. Norapine phrine . Phenylenedismi Pyrrolidines

Physostrymine Polisine

inet rine

Secondary and Distrylemine Dimetrylemi

Aminopyrine Amodisquine

Diethylpropien Methylene blue

. Hyoscyamine . Scopolamine

. Triethyle.:emelamina

metrical dimethylhydrazine

Ammonium compounds

Aluminum ammonium sulfate

Ammonium halides

Ammonium hydroxide

Ammonium nitrate

Ammonium perchlorate
Ammonium sulfate

. Quaternary ammonium salta

Amphibious operations . Amphibious demonstratio

. Diversionary landings

. Amphibious withdrawala

Analysis (mathematics)

. Complex variables

Analytic continuations
Analytic functions

Entire functions

Cauchy integral formula Conformal mapping

Meromorphic functi

Elliptic functions

Rational functions

Zeta function

Riemann surfaces Special functions

Airy function Bessel functions

Hankel functions

Beta function Exponential functions

Gamma function

Harmonic functions
Hyperbolic functions

Hypergeometric funct Laguerre functions

Legendre functions

Logarithm functions Mathleu functions

Orthogonal functions Spherical hermonics unctional analysis

. Banach space

Banach algeb Hilbert spi

Functionals

Generating functions Harmonic analysis

Almost periodic function

m equations

Singular integral equat Volterra equations Wiener-Hopf equations

Integral transformations

Bessel transformation Convolution integrals

Fourier transformation Hankel transformation Laplace transformation

al variables

Bounded functions

Continuity (mathematics) Differential calculus , inflection points (mathe

itegral calculus Convergent integral Divergent integrals

Limits (mathematics) Monotone functions

Sequences (mathem

Convergent serie Dirichlet series

Asymptotic se

Expensions (mask)

Power series Taylors series

Maclaurin

factor analysis

Curi (vectors)

Parametric eliculus of varies

Differential equation . Greens function Linear differential

Lyapunov functions

. Van der Pol differential equation Ordinary differential equations

Duffings differential equation Sturm-Liouville theory Van der Pol differential equat

Partial differential equations Boundary value problems

. Cauchy problem . Dirichlet problem . Potential theory

Elliptic differential equations

Hyperbolic differential equati Parapolic differential equations

purier analysis Fourier integrals

Fourier serie

Generalized functions

Daira function sure and integration

Discontinuity (mathem Ergodic theory

Integral calculus Convergent integrals Divergent integrals

. Weighting functions

Analyzers

. Electric analyzers . Frequency analyzers . . Harmonic analyzers

Interference analyzers

Noise analyzers

Pulse snatyzwis
. Pulse height analyz
. Wave analyzers

Electrostatic analyzers lon traps (instru

Sound analyzers Spectrum analyzen

Anhydrides

Carboxylic acid anhydrid
. Acetic anhydride
. Benzoic anhydride

Antennas

. Aircraft antennas Beacon antennas

Broadband antenna Biconical antennas

. Discone antenna Conical antennas

Cylindrical antenn

Spiral entennes

. Traveling wave and assegrain antennes Circular antennas

Cylindrical ante

. Sieeve antennas Directional antenna Addock antennas

Backfire entenne Corner reflector i

Helical entennas

Lone antennas . Luneberg lene Log periodic ent

Loop antennas Parabolic antenne

Huteling enten Rader antennas

. Nutating ante Rhombic anten

Slot antennas Steerable anten Synthetic apert

Traveling wave an

nd vehicle a Looky wave entenne Long wire entenned

Lone antenna Luneberg te

Siot antennas Missils antonnas Multiple beam sirti

nel entr

F13. 9 -31-

ABNORMALITIES

MAGNETIC ANOMALIES

GEOMAGNETIC HOLLOW

ACCUMULATORS
DUST COLLECTORS
SOLAR COLLECTORS
SOLAR REFLECTORS

AMINO ACIOS

ADENIMES
ALANINE
ASPARTIC ACID
COENZYMES
CYSTEINE
FOLIC ACID
GLUTAMIC ACID
GLUTAMIC ACID
GLUTAMINE
GLUTATHIONE
GLUTATHONE
GLYCINE
HIPPURIC ACID
MISTIDINE
LEUCINE
LYSINE
MELANOIDIN
METHIONINE
MUCLEASE
PAPAIN
PEPTIDES
MYPERTENSIN
PHENYLALANINE
PROTOPROTEINS
PYRIUINE NUCLEOTIDES
THYROXINE
TRYPTOPHAN
URIOYLIC ACID
ANOBARBITAL
ASCORBIC ACID
SORIC ACID
CARBONIC ACID
CARBONYLIC ACID

LTHYLENEDIAMINETETRAACETIC ACIDS
VENSENE
IODOACETIC ACID ACIDS ETHYLENEDIAMINETES
VENSENE
IODOACETIC ACID
ACETYLSALICYLIC ACID
ACRYLIC ACID
ALANINE
ASPARTIC ACID
BENZILIC ACID
BENZILIC ACID
CITRIC ACID
DICARBOXYLIC ACIDS
TEREPMINAL ATE
FULIC ACID
FORMHYONDAMIC ACID
FORMIC ACID DICANUL

TEREPHINA...

FULIC ACID

FORMINOMORAMIC ACID

FORMIC ACID

MEROGENES (TRADEMARK)

LACTIC ACID

LYSIME

MICUTINIC ACID

ORALIC ACID

GRAMIC ALID

FINITEDIAL ALID

INTERPEDIAL ALID

LYSIME

MICUTINIC ACID

GRAMIC ALID

ORALIC ACID

GRAMIC ALID

LYDINAL ALID

LYDINAL ALID

LYDINAL ALID

LYDINAL ALID

LYDINAL ALID

LYDINAL ALID

LYDICACID

GLEIC ACID

PROFIDMIC ACID

VERSENE

MYCRAZOIC ACID

MYDROCHORIC ACID

MITRIC ACID

MICLEIC ACID

MICLEIC ACID

MICLEIC ACID

MICRECIC ACID

MYCRAZOIC ACID

MYDROCHORIC ACID

MITRIC ACID

MUCLEIC ACID

A- 1

AC105 (CON11)

ALIGNMENT IC ACTOS
ADENTES
UNTOYLE ACTO
OXIDAS:
PERCHOBITC ACTO
PHOSPHORIC ACTO
THYMIOTHE
THYMIOTHE
THYMIOTHE
THYMIOTE
UNIC ACTO

ACOUSTIC PROPERTIES
ACOUSTIC IMPEDANCE
ACOUSTIC INSTABILITY
ACOUSTIC SCATTERING
REVERBERATION
ACOUSTIC VELOCITY
SOUND INTENSITY
ZERO SOUND

ACTINION SERIES COMPOUNDS
PLUTONIUM COMPOUNDS
PLUTONIUM FLUORIDES
PLUTONIUM OXIOCS
THORIUM COMPOUNDS
THORIUM CATOLOCS
URANIUM COMPOUNDS
URANIUM CARDIDES
URANIUM CARDIDES
URANIUM CARDIDES
URANIUM CARDIDES
URANIUM CARDIDES
URANIUM OXIDES

ACUITY VISUAL ACUITY HYPEROPIA

ADAPTATION
ACCLIMATIZATION
ALTITUDE ACCLIMATIZATION
COLD ACCLIMATIZATION
DESERT ADAPTATION
RETINAL ADAPTATION
DARK ADAPTATION
LIGHT ADA/TATION

ADDITIVES
ADMIXTUMES
ANTIFREEZES
ANTIFREEZES
ANTIFROCK ADDITIVES
ANTIFROCK ADDITIVES
ANTIFROCK ADDITIVES
OF ACTIOXIDANTS
OF ACTIOXIDANTS
OPACIFIERS
PLASTICIZERS
PROPELLANT ADDITIVES
PROPELLANT BINDERS
SULID NOCKET BINDERS

AEROOYHARIC CHARACTERISTICS
AEROOTHAHIC BALANCE
AEROOTHAHIC DRAG
SUPERSONIE DRAG
AEROOTHAHIC STABILITY
LEFT
INTERFERENCY LIFT
JET LIFT
ROTOR LIFT
JERO LIFT
STATIC AFROOYHARIC CHARACTERISTICS

AERODYNAMIC FORCES
AEROCYNAMIC DRAG
SUPERSCRIC GRAG
AERODYNAMIC LCADS
ALASY LOADS
GUST LOADS
WING LOADING
MYPERSONIC FORCES
LIFT
INTERFERENCE LIFT
JET LI-T
MOTOR LIFT

A- 2

PERMUTED INDEX
Intestinal (Con.)
intestinal obstructions
Intestine Small intestine diseases
Intestines
Adhesions (intestines)
Ancendix (intestines) Usion (intestines)
Intoxication
Compressed air intoxication
Water intoxication Intracellular
Intraceilular potential
Intracraniai
Intracranial electroencephalograph
Intramuscular Intramuscular infusions
Intrastate
intrastate transportation
intravenous
Intravenous infusions
Intrinsic viscosity
Intrusion
•Igneous intrusion Sait water intrusion
•Sea water intrusion
Intrusive
Intrusive rocks Intussusception
Inulin
Invar R
Invariance Invantions
Inventories
Authorized inventories
Required inventories *Stores (inventories)
Inventory
Inventory control
Inventory models Inverse
*Inverse matrices
 inverse segregation inversions
•Heat inversions
•Inversions (temperature)
Temperature inversions
Invertebrate Invertebrate paleontology
Invertebrates
Inverted
inverter
Inverter circuits
Invertors +DC to AC invertors
Static invertors
Investigations
Accident investigations Criminal investigations
• Field investigations
er dundation investi gations Geologic investi gations
+ Şelamidi in veratingahone
+5permestigations
Subsurfaça revestigatione Investment
+Capital investment
Frank investiment
investment casting investment castings
*Permanual investment
Return on streetment
investmente Investore
*Imagabora method
Invigeld invigeld how
involute
tractura gener tenth
lodeles ledide
Mydringen kodk es
Silver rodide
Potassium indides
% ಗಡ್ಡ ಆಗ್ -ಗಡೇ ೯೫೪
ledinatie:
ledine socine 131
lodine a phatic compounds
ind he aromatic compounds
iodinė Lycie Iodinė haudes
ledine inorganic compounds
ki time isotopes
tookhi humber

Theotime	-3
lodine organic compounds lodo	
•lodo compcunds lodo alkanes	
lodofərm	
lodohydrocarbona lodometallatea	
Potassium iodometaliates	
ion •Exchangers (ion)	
*Hydrogen ion activity *Hydrogen ion concentration	
Ion accelerators	
ion beams elon bombardment	
*ion chambers *ion concentration (density)	
ion currents	
ion density (concentration) ion emission	
fon engines fon exchange membrans slectrol	- 94
ion exchange resins	
ion exchangers ion exchanging	
lon excretion lon guns	
lon irradiation lon microscopes	
ion propulsion	
ion pumps ion sources	
 fon thrustors fon traps (instrumentation) 	
+lon vacuum gages	
Ionic Ionic conductivity	
fonic crystals fonic mobility	
ionic regulation (physiology)	
fonization Gas ionization	
lonization chamburs lonization coefficients	
· lonization counters	
ionization gages Ionization polentiais	
*Meteoric ionization fonized	
Diazo rompounds (ionized)	
ionized gases ionizing	
lonizing radiation Tonograms	
ionosondes Ionosphere	
Topside ionosphere	
- tonospheric sheorption	
ionosphene disturbences *lonosphene prot is	
tonospheric propagation tonospheric storms	
Sudden kindspherić diaturbanças	ı
lanospherics lan s	
Carbonium ione. Complex lons	
+ Hydrogen sp.rs	
Negative iona Organic iona	
• Positive ione	
IPL (programming tanguage)	
换	
ान drop Iranian	
+ France tengueses	
·IRBM	
· Irdomet Indium	
program constituting applies	
indrum haides	
tridium inter ganic compounds tridium interm atalics	
indium isotopes indium isotopes indium isotopes	
Indocechitie Iris	

Iron intermetallica Iron isotopes Iron intrates Iron ore deposits Iron ores Iron ores Iron organic compounde Iron oxides Iron opwides Iron powder Iron rich Permalloy® Iron sulfides Iron Iron Iron Iron Iron Iron Iron Iron Iron Sponge Iron Iron Iron Iron Sponge Iron Iron Iron Iron Iron Iron Iron Iron Sulfides Irons Irons Irons Irons Irons Irons Irons Irons Irradiance meters Irradiated Irradiated Irradiated Irradiation Iron Iron Iron Iron Iron Irons Irradiated Irradiation Iron Iron Iron Irons Irradiated Irradiation		Aluminum iron herdeners
Channel iron Delta iron Delta iron Ductile iron Ductile iron Gray iron castings Iron and steel industry Iron castings Iron and steel industry Iron castings Iron castings Iron castings Iron castings Iron castings Iron containing alloys Iron iron castings Iron inorganic compounds Iron inorganic compounds Iron isotopes Iron irotales Iron ore deposits Iron ore iron iron powder Iron suitides Iron		
Ductile iron Ductile iron Ductile iron castings Gamma iron Gray iron castings Iron and steel industry Iron carbides Iron cattings Iron cattings Iron chlorides Iron containing alloys Iron cyanides Iron containing alloys Iron cyanides Iron containing alloys Iron cyanides Iron halides Iron halides Iron inorganic compound Iron intermitallics Iron ore deposits Iron ore deposits Iron ores Iron organic compounds Iron soldoes Iron suitates Iron organic compounds Iron suitates Iron castings Wicuphi Iron Sponge Iron Sponge Iron Iron Iron Iron Iron Iron Iron Iron		Channel iron
Ductile iron castings Gamma iron Gray iron Gray iron castings Iron and steel industry Iron carbides Iron castings Iron and steel industry Iron carbides Iron castings Iron containing slloys Iron foundries Iron halides Iron halides Iron intermetallics Iron intermetallics Iron intermetallics Iron intermetallics Iron intermetallics Iron ore deposits Iron ore iron compounds Iron suifates Iron powder Iron powder Iron suifates Iron su		
Gray iron castinga iron alleys iron activides iron castings iron castings iron castings iron castings iron chlorides iron containing alloys iron cyanides iron deficiency anemia elron foundries iron halides iron inorganic compound iron intermetallica iron sotopes iron intrates iron ore deposits iron ores iron organic compounds iron sotopes iron nitrates iron oxides iron sotopes iron organic compounds iron sotopes iron oxides iron suitate iron iron castings Mottled iron iron castings Woodular iron iron castings Wrought iron suitate iron iron iron iron iron iron iron iron		Ductile iron castings
iron alloys Iron and steel industry Iron carbides Iron carbides Iron chilorides Iron containing sloys Iron deficiency enemia Iron deficiency enemia Iron halides Iron inorganic compound Iron intermetallics Iron redeposits Iron ores Iron organic compounds Iron organic compounds Iron organic compounds Iron organic compounds Iron oxides Iron suifides Iron mailiable Iron Malleable Iron Malleable Iron Malleable Iron Modular Iron Pig Iron Iron Sponge Iron Iron Uvanium Iron alkoys White Iron Uvanium Iron alkoys White Iron White Iron castings Wrought Iron Yitrum Iron gamets Iron Iron Iron Soldering Iron Iron Soldering Iron Iron Iron Iron Iron Iron Iron Iron		
Iron and steel industry Iron carbides Iron carbides Iron castings Iron chlorides Iron containing alloys Iron containing alloys Iron containing alloys Iron deficiency anemia elron foundries Iron indides Iron compounds Iron ores Iron ores Iron ores Iron ores Iron ores Iron organic compounds Iron organic compounds Iron oxides Iron suifates Iron Sponge Iron Sponge Iron Sponge Iron Iron Sponge Iron Iron Iron Iron Iron Iron Iron Iron		
Iron callings Iron chlorides Iron chlorides Iron containing alloys Iron containing alloys Iron containing alloys Iron deficiency anemia elron foundries Iron inorganic compound Iron intermetalics Iron isotopes Iron organic compounds Iron organic powder Iron sulfides Iron Malliabble Iron Malliabble Iron Malliabble Iron Malliabble Iron Malliabble Iron Malliabble Iron Sulfides Iron Malliabble Iron Sponge Iron Sponge Iron Iron Sponge Iron Iron Mitte Iron Sponge Iron Iron Mitte Iron Cantings Wrought Iron White Iron castings Wrought Iron Vitrium Iron gamets Irons Walfe Irons Walfe Irons Walfe Irons Irradiated Irradiated Irradiated Irradiated Irradiation Deuteron Irradiation Food Irradiation Food Irradiation Partial body Irradiation Partial Dody Irradiation Son Irradiation Partial Dody Irradiation		
iron containing alloys iron containing alloys iron containing alloys iron containing alloys iron deficiency anemia eron foundries iron indides iron inorganic compound iron intermetallics iron osotopes iron nitrates iron ore deposits iron ores iron organic compounds iron oxides iron oxides iron oxides iron oxides iron oxides iron suifate iron maileable iron castings Mottled iron Nodular iron Sponge iron - Tramp iron - Tramp iron iron iron iron iron iron iron iron		
Iron deficiency anemia iron deficiency anemia iron deficiency anemia iron deficiency anemia iron halides iron informatialica iron intermetalica iron isotopes iron oreation ore deposits iron oreas iron organic compounds iron organic compounds iron organic compounds iron oxides iron powder iron rich Permalloy® iron suifate iron suifates iron suifates iron suifates iron suifates iron Malleable cast iron Malleable cast iron Malleable iron Malleable iron Malleable iron Malleable iron Sponge iron iron iron iron iron iron iron iron		fron chlorides
iron deficiency anemia iron foundries iron foundries iron halides iron inorganic compound iron intermetalics iron inorpanic stonpes iron intrates iron ores iron ores iron ores iron ores iron ores iron ores iron powder iron rich Permalloy® iron suitate iron Maileable ron Castings Mottled iron Modular iron Pig iron - Spheroidai iron Sponge iron - Tramp iron Uranium iron alloys White iron Sponge iron - Tramp iron Uranium iron garnets irons i		
Iron halides Iron inorganic compound Iron intermetalics Iron isotopes Iron ord deposits Iron ores Iron organic compounds Iron organic compounds Iron organic compounds Iron oxides Iron powder Iron nich Permalloy® Iron suitate Iron dalleable Iron Malleable Iron Malleable Iron Malleable Iron Malleable Iron Malleable Iron Malleable Iron Modular Iron Pig Iron Sponge Iron Tramp Iron Uranium Iron alloys White Iron White Iron White Iron castings Wrought Iron Ythium Iron gamets Irons Electric Irons Soldering Irons Irradiated Irradiated Irradiated Irradiated Irradiated Irradiated Irradiation Bonteron Irradiation Bonteron Irradiation Food Irradiation Food Irradiation Partial body Irradiation Partial body Irradiation Partial Dody Irradiation Partial Dody Irradiation Firegularities Irreversible Irreversible Irradiated Irragiated Irr		Iron deficiency anemia
Iron inforganic compound Iron infermetalica iron sotopes Iron intermetalica iron sotopes Iron nitrates Iron ore deposits Iron ores Iron powder Iron oxides Iron powder Iron suitates Iron Malleable Iron Castings Mottled Iron Modular Iron Pig Iron Iron Sponge Iron Iron Iron Iron Iron Iron Iron Iron		
iron isotopes iron nitrates iron orea deposits iron orea iron organic compounds iron oxides iron powder iron suifides iron daileable cani fron Maileable cron castings Mottled iron Nodular iron Piguron - Spheroida: iron Sponge iron - Tramp iron - Tramp iron - Tramp iron - Tramp iron - White iron castings White iron White iron castings Wrought iron - String iron - Soldering irons - Watte iron - White iron - White iron - Watte iron - White iron - Watte iron		Iron inorganic compound
Iron ore deposits Iron ores Iron ores Iron organic compounds Iron oxides Iron powder Iron nich Permalloy® Iron suifate Iron castings Motted Iron Nodular Iron Piguron Iron Iramp Iron Usanium Iron alloys White Iron White Iron castings Wrought Iron Ythium Iron gamets Irons Iro		
Iron organic compounds iron organic compounds iron organic compounds iron oxides iron powder iron suitate iron Maileable caul iron Maileable caul iron Maileable iron castings Mottled iron Nodular iron Pigiron iron Sponge iron iron Sponge iron iron suitate iron White iron castings Wrought iron White iron castings Wrought iron yttimm iron gamets irons ir		
Iren oxides Iron powder Iron powder Iron suifate Iron destings Motted Iron Pig Iron Isperioda: Iron Sponge Iron Iramp Iron Usanum Iron alloys White Iron White Iron castings Wrought Iron Yttinum Iron gamets Irons Electric Irons Soldering Irons Irradiated Irradiated Irradiated Irradiated Irradiated Irradiated Irradiated Irradiation Alpha Irradiation Isomariment (Production Deuteron Irradiation Isomariment (Irradiation Irradiated) Irradiated Irradiated Irradiated Irradiated Irradiation Revieron Irradiation Partial body Irradiation Partial body Irradiation Incomination Irradiation Incomination Irradiation Irradiation Incomination Irradiation Incomination Irradiation Incomination Irradiation Incomination Irradiation Irradiation Incomination Irradiation Irradiation Incomination Irradiation Irradiation Incomination Irradiation Irrad		
Iron powder Iron rich permaloy® Iron suitate Iron dalleable Iron Malleable Iron Malleable Iron Madular Iron Pig Iron Sponge Iron Tramp Iron Usanum Iron alloys White Iron White Iron castings Wrought Iron Ythium Iron gamets Irons Electric Irons Soldering Irons Variation Irradiated Irradiation Bonterion Irradiation Food Irradiation Food Irradiation Partial body Irradiation Partial body Irradiation Partial body Irradiation Firegularities Irreversible Irraversible Irraversible Irraversible Irraversible Irraversible Irraversible Irrapited Spiritale Vergated Variation Suiface Irrapite Spiritale Vergated Variation Suiface Irraversible Irraver		
Iron suifides Iron suifides Iron suifides Iron suifides I Malicable caultinon Malicable iron Malicable iron Malicable iron Modular iron Pig Iron Spheroidal iron Sponge iron Tramp iron Usanium iron alloys White iron White iron White iron White iron White iron Soldering irons Soldering irons Wattle irons Iradiance Irradiance Irradiance Irradiance Irradiance Irradiance Irradiation Alpha irradiation Bomparoment philodiation Deuteron irradiation Electron irradiation Food irradiation Food irradiation Partial body irradiation Partial body irradiation Proton irradiation Fire pularities Irradiation Sirradiation Fire pularities Irradiation Sirradiation Fire pularities Irradiation Irradiation Fire pularities Irradiation Irradiation Irradiation Irradiation Fire pularities Irradiation		fron powder
iron suifides i Malleable and Iron Malleable iron Malleable iron castings Mottled iron Hodular iron Pig iron Spheroidal iron Sponge iron Tramp iron Uranium iron alloys White iron castings Wrought iron Yttrium iron castings Wrought iron Yttrium iron gamets irons Electric irons Soldering irons Waffe irons Wradiance Firediance meters Irradiated Irradiated Irradiated Irradiated Irradiated Irradiated Irradiation Bomparoment phodustion Douteron irradiation Food irradiation Food irradiation Meuton irradiation Meuton irradiation Partial body irradiation Partial body irradiation Wrote body irradiation Wrote body irradiation Firegularities Irrelevance Irre		
Maileable irron Maileable irron Castings Mottled irron Hodular iron Pig iron Spheroidal iron Sponge irron Sponge irron Uranium iron alloys White irron White iron castings Wrought iron White iron Scientifications Electric irrons Soldering irrons Soldering irrons wattle irrons irradiance meters irradiance wirradiance irradiance irradiance irradiance irradiation Alpha irradiation Douteron irradiation Electron irradiation Gamma irradiation Food irradiation Houteon irradiation Partial body irradiation Partial body irradiation Proton irradiation		
Malisable iron castings Motified iron Nodular iron Pig iron Spheroidar iron Sponge iron Tramp iron Usanium iron alloys White iron castings Wrought iron Ythrum iron garnets Irons Electric irons Soldering irons Wattle irons Bombardment (Middletton Douberon iradiation Bombardment (Middletton Douberon iradiation Froduction iradiation Meuton irradiation Partial body irradiation Minoto irradiation Whole body windleton Whole body windleton Whole body windleton Windleton irradiation Frieton irradiation Windleton Windlet		
Modular iron Pig iron Pig iron Sponge iron Sponge iron Tramp iron Usanium iron alloys White iron White iron castings Wrought iron Yttrium iron garnets Irons Electric irons Soldering irons *Wattle irons uradiance *Irradiance *Irradiance meters Irradiance Pirradiance Deuteron irradiation Electron irradiation Electron irradiation Food irradiation Food irradiation Partial body irradiation Partial body irradiation Partial body irradiation Irradiance I		Malisable iron castings
Pig iron *Spheroidal iron Sponge iron *Tramp iron White iron castings White iron White iron castings Wrought iron Yttrum iron garnets Irons Electric irons Soldering irons *Wattle irons *Iradiance meters Irradiance *Irradiance meters Irradiated Poutron irradiation Electron irradiation Food irradiation Meutron irradiation Partial body irradiation Partial body irradiation Irregularities *Irrelevance Irrelevance Irrelev		
Sponge iron *Tramp iron *Tramp iron Uranium iron alloys White iron White iron castings Wrought iron Yttrium iron genets irons Electric irons Soldering irons *Wattle irons iradialed irradiated Irradiated foods Irradiated Irradiated foods Irradiated Irradiated foods Irradiated Food irradiation Electron irradiation Electron irradiation Food irradiation Food irradiation Food irradiation Partial body irradiation Partial body irradiation Friction irradiation Fire irradiation *Irrelevance Irralization *Irrelevance Irrelevance Irrel		Pig iron
Tramp iron Usanium iron alloys White iron White iron White iron castings Wrought iron Ythium iron garnets Irons Electric irons Soidering irons Fadiance Firediance Firediance meters Irradiated Irradiated foods Irradiation Alpha irradiation Bomparement production Common irradiation Flood irradiation Food irradiation Food irradiation Formal irradiation Partial body irradiation Partial body irradiation Whole body irradiation Firedularities Firedevaries Firedev		
White iron castings Wrought iron white iron castings Wrought iron Yttirum iron garnets irons. Soldering irons - Sectire irons. Soldering irons - Wattle irons uradiance eitradiance meters irradiance meters irradiance meters irradiance meters irradiance meters irradiance meters irradiance meters. Alpha irradiation - Bombardment phideletion Dauteron irradiation - Food irradiation irradiation irradiation irradiation meutron irradiation Partial body irradiation Partial body irradiation irradiation irradiation. Whole body irradiation wirradiation irradiation irradiation irradiation irradiation irradiation irradiation irradiation irradiation pose irrigation canals irrigation consistent irrigation pose sorticular irrigation pose sorticular irrigation pose sorticular irrigation irrigation pose sorticular irrigation irrigation pose sorticular irrigation pose sorticular irrigation		•Tramp iron
Wrought iron Yttrum iron gamets irons Soldering irons Wattle irons Electron Contractation Food wattleton Comma irradiation Food wattleton Comma irradiation Meutron irradiation Partial body irradiation Partial body irradiation Whole body wradiation Wincie body Wincie body Wincie body Wincie body Wincie i sanda W		
Yttrium iron gemets irons Electric irons Soldering irons • Wattle irons uradiance • Irradiance •		
Electric irons Soldering irons Wattle irons Wattle irons Wattle irons Wad arice Firediated Irradiated Irradiated Irradiated Irradiated Irradiated Irradiated Partial foods Irradiation Report irradiation Report irradiation Food irradiation Food irradiation Partial body irradiation Partial body irradiation Partial body irradiation Whole body irradiation Firegular irradia		
Soldering irons *Wattle irons *Vattle irons *Vattle irons *Vattle irons *Vattle irons *Vattle irons *Irradiated Irradiated loods Irradiation *Bomparement production Douteron irradiation Electron irradiation Electron irradiation Food irradiation Food irradiation Partial body irradiation Partial body irradiation Proton irradiation Proton irradiation *Irradiation *Irradiati		
irradiance meters irradiated irradiated irradiated irradiated irradiated irradiated irradiated Aspha irradiation - Bombardment prodeston Douteron irradiation Food irradiation Food irradiation Meutron irradiation Partial body irradiation Partial body irradiation Whole body irradiation Whole body irradiation Whole body irradiation irragiated irragiated processes irragiated processes irrigated irrigated irrigated irrigated irrigated irrigated irrigation canals irrigation poss Spiritals irrigation Subjurities ischium ischiu		Soldering irons
eirradiated Irradiation Irradiated Irradiation Aipha irradiation - Bombardment production Deuteron irradiation Electron irradiation Electron irradiation Food irradiation Food irradiation Neutron irradiation Partial body irradiation Partial body irradiation Partial body irradiation Proton irradiation Proton irradiation Frederication Whole body irradiation Erregularities - Irradiation Surface irragition Isochimal isochimal - Irradiation Isochimal irradiation - Isochi		
Irradiated foods Irradiated Irradiated Apha irradiation Bombardment prodeston Deuteron irradiation Food irradiation Food irradiation Food irradiation Meutron irradiation Partial body irradiation Partial body irradiation Whole body irradiation Whole body irradiation Virige irradiation Irradiation Irradiation Fire proving irradiation Irradiat		+irradiance meters
Irradiation Alpha irradiation Alpha irradiation Bombardment priodiation Electron irradiation Electron irradiation Electron irradiation Food irradiation Gamma irradiation Partial body irradiation Partial body irradiation Proton irradiation Proton irradiation Proton irradiation Fraction irradiation Erradiation Erradiat		
- Bombaroment (modeston Douteron irradiation Food irradiation Food irradiation Food irradiation Neutron irradiation Neutron irradiation Neutron irradiation Neutron irradiation Partial body irradiation Whole body irradiation Whole body irradiation Yay irradiation Friedral Irradiation possibility irradiation possibility irradiation possibility irradiation irradiation possibility irradiation irradiati		
Electron uradiation Food irradiation Gomma irradiation Ion irradiation Parlial body irradiation Parlial body irradiation Proton		· Bombaroment (modelton
Food viradiation Gamma in adiation Ion irradiation Partial body irradiation Partial body irradiation Proton irradiation Proton irradiation Virole body irradiation Virole Viro		
ion irradiation Partial body irradiation Partial body irradiation Proton irradiation Proton irradiation If reference Irradiation consist Irradiation Irrad		Food irradiation
Heutron irradiation Partial Dody irradiation Proton irradiation Whole body irradiation Whole body irradiation *Irregularities *Irrefevence Irraversible Irraversi		
Proton irradiation Whole body irradiation X ray irriduation Irregularities Irrelevance Isoburface irrelevance Isoburface irrelevance Isoburface irrelevance Isoburface Isoburface Irrelevance Isoburface Irrelevance Irrelevan		Neutron irradiation
X ray trudustion Irregularities Irregulariti		Froton irradiation
Irrelevance Irrele		
irroversible proversible proversible proversible proversible propered proversible propered proversible propered proversible propered proversible		irregulanties
irroversible processes trigiated projected projection p	•	
prigated land firing attorn strugation canala bring attorn strugation canala bring attorn subsurface strigation Suitace strigation lack hemits fack hium lamitrapic steamitropic flow fattends see is ands subsurface strigation in the anny increase lackers		treversible processes
Irrigation Frigation canals Frigation Friga		
brigation pipes Sprinker straphon Substitute straphon Sufface straphon ischemis fachium isentrepic stantis testitute talands testiands t		irrigation.
Sprinkler ungeloot Subsurface engeloot Subsurface engeloon Subsurface engeloon Ischemia Ischium Isentrepic Ise		
Surface irrepaion lachiemia lachiemi lachiemi laentrepic visentrepic flow latanda lice is ands lacis ands laci		Sprinkler strapphon
fachium fas ntrepic risentropic how falsinds ice is ands issends (sandorms) risents risends faseinyi risenmyi acetate facharis risenmyi acetate facharis risensis risecyanate risecyanate risecyanate risecyanate risecyanate risecyanate risecyanate risecyanate risecyanate		
Isentrepic isentrepic isentrepic flow islands ice is ands isends (andforms) is tratic isends isentry! isony! electry isentry! isony! electry isony is a serie! is a seri		
Islands ice is ands islands (sandforms) is frattic islands Islands (sandforms) is early is consiste Islands (sandforms) is consiste Islands (sandforms) is obligate is obligate isobutytens Islands (sandforms) isobutytens Islands (sandforms) Island		
ice is ands islands (lanelorms) if ratio, siends islae (nyl islaemy) acetate islaemy (pressure) focumer (schars islaemy) are islaemy) are islaemy are		
Traffic islands Isla anyl scelate Isla bars I		ice is ands
teenryt thocamy acetele teebers teebers teebers (pressure) trocker (sobars facbutane facbutane facbutane teecyanate resident teecyanate teecyanate teecyanate teecyanate		
tabbara taobara (pressure) Nociner inchara * Isobetane * Isobetane * Isobetane taobetylene Isocyanake **socyanake taocyanake taocyanake taocyanake		teesnyt
rectors (pressure) fectors (schars fectors) fectors fe		
* la o butana * la o butyle na La o cyanata * reo cyanata resima la o cyanata La o cyanata la o cyanata		MODERN (BIPSSOFE)
• Isobutyfene Isocyanete • rsocyanetes Isocyanetes Isocyanecodd		
- recipenate resine frecipenates leecyanic teocyanic acid		isobutylene
tecyanates tecyanic tecyanic acid		
BOCYANIC BCIS		Isocyanalos

• Isocyanides	
Isoindoles	
Isoindolinas Isolation	
Isolators	
*Shock isolators	
Vibration isolators	
tsoleucine Isomerases	
Isomeric	
Isomeric transitions	
Isomerism	
Molecular isomerism Isom <i>erization</i>	
isomers	
*isomers (nuclear)	
Nuclear isomers Isomorphisms	
Isoniaziu	
Isonicotinemides	
isonitriles •Isopentane	
!sophthalic	
*Isophthalic acid	
• isopleths	
isoprene Isopropoxide	
*Aluminem isopropoxide	
Isopropyi	
•Isopropyi benzene	
isoptera Isoquinolines	
Isospin	
lsostasy	
Isostatic +Isostatic change	
isostatic pressing	
Isothermal	
isothermal annealing	
 isothermai transformation isothermai treatment 	
Isotherms	
Isothiosyanetes	
 Isothionicotinemides Isothiuronium 	
isothiui onium compiunds	
isotope	
*Cascades (isotoca separation)	
Chemical eachuilge isotispe separation	
Electromagnetic isotope separatio	Y
isolope availability	
isotope effect	
isolope effect wotope exchange Isolope impunies Isolope separation	
isotope effect sectope exchange fentope impurities isotope separation visitope shift	
isotope effect sectope exchange tentope impurities isotope seceration visitings shift fectopes	
isotope effect sectope exchange isotope impurities isotope separation visitope shift fectopes Actinum isotopes Aluminum isotopes	
isotope effect sectope exchange fentope impunities isotope septration visitope shift factopes Actinum isotopes Alleminum isotopes Americanin isotopes	
isotope effect sottope exchange fentope impurities isotope separation visitings stiff feotopes Actinium isotopes Aluminium isotopes Americium isotopes Antimony isotopes Antimony isotopes Antimony isotopes	
isotope effect sectope exchange fentope impunities isotope septration visitope shift factopes Actinum isotopes Alleminum isotopes Americanin isotopes	
Isotope effect sectope exchange fentope impurities Isotope separation visitings stiff feotopes Actinium isotopes Aluminium isotopes Americium isotopes Angen sectopes Angen sectopes Angen sectopes Assence isotopes Assence isotopes Assence isotopes Assence isotopes Assence isotopes Assence isotopes	
Isotope effect sectope exchange Isotope separation visitope shift feotopes Actinum isotopes Auminum isotopes Americum isotopes Antimony isotopes Asteria isotopes Asteria isotopes Barium isotopes	
Isotope effect sectope exchange fentope impurities Isotope separation visitings stiff feotopes Actinium isotopes Aluminium isotopes Americium isotopes Angen sectopes Angen sectopes Angen sectopes Assence isotopes Assence isotopes Assence isotopes Assence isotopes Assence isotopes Assence isotopes	
Isotope effect sectope exchange funitope impurities Isotope separation visitope stiff factopes Actinum isotopes Auminium isotopes Americium isotopes Antenory isotopes Antenory isotopes Antenor isotopes Antenor isotopes Asterie isotopes Bartatire isotopes Bartatire isotopes Bartatire isotopes Bertatire isotopes Bertatire isotopes Bertatire isotopes Bertatire isotopes Bertatire isotopes Bertatire isotopes	
Isotope effect sottope aschange sottope separation visitope separation visitopes shift factores Actinum isotopes Auminum isotopes Americum isotopes Antimony isotopes Antimony isotopes Antimony isotopes Astatine isotopes Barnam isotopes	
Isotope effect sotope eschange isotope separation visitope shift factopes shift factopes Actinum isotopes Auminum isotopes Americum isotopes Antimony isotopes Antimony isotopes Antimony isotopes Antimony isotopes Argen isotopes Bartum isotopes Berytium isotopes Bratina isotopes	
Isotope effect sottope aschange sottope aschange sottope separation visitope shift factopes Actinum isotopes Auminium isotopes Americum isotopes Antimony isotopes Antimony isotopes Antimony isotopes Astetice isotopes Baneni isotopes Britanian isotopes Bromina isotopes Bromina isotopes Bromina isotopes Cadmium isotopes Cadmium isotopes	
Isotope effect sotope eschange isotope separation visitope shift factopes shift factopes Actinium isotopes Auminium isotopes Americium isotopes Antimony isotopes Antimony isotopes Antimony isotopes Antimony isotopes Asteric isotopes Barkeric isotopes Boron isotopes Bromine isotopes Bromine isotopes Cartium isotopes Cartium isotopes Cartium isotopes Cartium isotopes	
Isotope effect sectope exchange fentope impuriest Isotope separation visitope separation visitopes shift follopes Actinum isotopes Auminum isotopes Americanti isotopes Anterior isotopes Anterior isotopes Anterior isotopes Anterior isotopes Barium isotopes Barium isotopes Berhalium isotopes Berhalium isotopes Berhalium isotopes Bromine isotopes Bromine isotopes Cantorium isotopes	
Isotope effect sotope eschange isotope separation visitope shift factopes shift factopes Actinium isotopes Auminium isotopes Americium isotopes Antimony isotopes Antimony isotopes Antimony isotopes Antimony isotopes Asteric isotopes Barkeric isotopes Boron isotopes Bromine isotopes Bromine isotopes Cartium isotopes Cartium isotopes Cartium isotopes Cartium isotopes	
Isotope effect sectope exchange fentope impuriest Isotope separation visitope shift factopes Actinum isotopes Auminum isotopes Americinin isotopes Anterior sectopes Anterior sectopes Anterior sectopes Anterior sectopes Asterior sectopes Barium isotopes Barium isotopes Barium isotopes Berhalium isotopes Berhalium isotopes Bromine isotopes Bromine isotopes Bromine isotopes Cadmium sectopes Cantorium isotopes Cartum isotopes	
Isotope effect sortope aschange sortope aschange sortope separation visitope shift factopes Actinum isotopes Auminium isotopes Amminium isotopes Antimony isotopes Antimony isotopes Antimony isotopes Astatine isotopes Astatine isotopes Barnum isotopes Barnum isotopes Barnum isotopes Barnum isotopes Bornum isotopes Bromine isotopes Bromine isotopes Bromine isotopes Bromine isotopes Cadminim isotopes Cartum isotopes	
Isotope effect sotope eschange lantope impurites Isotope separation visitopes shift footopes Actinium isotopes Auminium isotopes Americium isotopes Americium isotopes Antimony isotopes Antimony isotopes Antimony isotopes Asteric isotopes Bartium isotopes Boron isotopes Bromine isotopes Bromine isotopes Cartium isotopes Cobart isotopes	
Isotope effect sottope aschange sottope separation visitope separation visitopes shift factopes Actinum isotopes Auminium isotopes Americum isotopes Antimony isotopes Antimony isotopes Antimony isotopes Astatine isotopes Astatine isotopes Barium isotopes Barium isotopes Barium isotopes Barium isotopes Barium isotopes Bromine isotopes Bromine isotopes Bromine isotopes Bromine isotopes Bromine isotopes Cadminim isotopes Cartum isotopes Chiprine isotopes Chiprine isotopes Cobal isotopes Cobal isotopes Copper isotopes Curum isotopes Curum isotopes Curum isotopes Curum isotopes Curum isotopes	
Isotope effect sotope aschange sotope separation visitope separation visitope separation visitope separation visitopes separation visitopes Actinium isotopes Auminium isotopes Americian isotopes Antimony isotopes Antimony isotopes Astatine isotopes Astatine isotopes Bartium isotopes Bromine isotopes Bromine isotopes Cadminum isotopes Catinium isotopes Catinium isotopes Catinium isotopes Cartium isotopes Contribution Casilium isotopes Contribution Co	
Isotope effect sottope aschange sottope separation visitope separation visitopes shift factopes Actinum isotopes Auminium isotopes Americum isotopes Antimony isotopes Antimony isotopes Antimony isotopes Astatine isotopes Astatine isotopes Barium isotopes Barium isotopes Barium isotopes Barium isotopes Barium isotopes Bromine isotopes Bromine isotopes Bromine isotopes Bromine isotopes Bromine isotopes Cadminim isotopes Cartum isotopes Chiprine isotopes Chiprine isotopes Cobal isotopes Cobal isotopes Copper isotopes Curum isotopes Curum isotopes Curum isotopes Curum isotopes Curum isotopes	
Isotope effect sotope aschange isotope separation visitope separation visitope separation visitope separation visitopes Actinium isotopes Auminism isotopes Americian isotopes Antimony isotopes Antimony isotopes Astatine isotopes Astatine isotopes Barriam isotopes Boron isotopes Bromine isotopes Cadminim isotopes Catinim isotopes Catinim isotopes Cartinim isotopes Conomic isotopes Conomic isotopes Copper isotopes Copper isotopes Curium isotopes Emsternium isotopes Emsternium isotopes Emsternium isotopes Emsternium isotopes Emsternium isotopes Emternium isotopes Europium isotopes Europium isotopes	
Isotope effect sectope eschange sectope eschange sectope separation visitope separation visitope separation visitopes separation visitopes Actinum isotopes Auminism isotopes Americinim isotopes Angen sectopes Angen sectopes Bariem isotopes Bariem isotopes Bariem isotopes Bariem isotopes Bernetism isotopes Bernetism isotopes Boron isotopes Brown isotopes Brown isotopes Brown isotopes Brown isotopes Cartium isotopes Conum isotopes Cotart isotopes Emsernum isotopes Emsernum isotopes Emresm isotopes	
Isotope effect sotope aschange sotope separation visitope separation visitope shift factopes Actinum isotopes Auminium isotopes Americum isotopes Antimony sultopes Antimony sultopes Antimony sultopes Astatine isotopes Bartim isotopes Bromine isotopes Bromine isotopes Bromine isotopes Cadmium isotopes Cadmium isotopes Cartimonium isotopes Conjune isotopes Emsternium isotopes	
Isotope effect sectope eschange sectope eschange sectope separation visitope separation visitope separation visitopes separation visitopes Actinum isotopes Auminism isotopes Americinim isotopes Angen sectopes Angen sectopes Bariem isotopes Bariem isotopes Bariem isotopes Bariem isotopes Bernetism isotopes Bernetism isotopes Boron isotopes Brown isotopes Brown isotopes Brown isotopes Brown isotopes Cartium isotopes Conum isotopes Cotart isotopes Emsernum isotopes Emsernum isotopes Emresm isotopes	
Isotope effect sortope aschange sortope aschange sortope separation visitope shift factopes Actinoum isotopes Actinoum isotopes Auminium isotopes Antimony sultipee Angon stotopes Antimony sultipee Angon stotopes Astatine isotopes Batteria isotopes Bornita isotopes Bornita isotopes Bromina isotopes Bromina isotopes Bromina isotopes Cartium isotopes Chiprine isotopes Chiprine isotopes Cobal restripes Copper isotopes Cobal restripes Copper isotopes Corum isotopes Embarnium isotopes Embarnium isotopes Embarnium isotopes Embarnium isotopes Fermium isotopes Fermium isotopes Fermium isotopes Francine isotopes Gastum isotopes Gastum isotopes Gastum isotopes	
Isotope effect sotope aschange sotope separation visitope separation visitope separation visitope separation visitopes Actinium isotopes Auminism isotopes Americian isotopes Antimony isotopes Antimony isotopes Astatine isotopes Bartimi isotopes Boron isotopes Bromine isotopes Castimini isotopes Conomini isotopes Conomini isotopes Conomini isotopes Copper isotopes Copper isotopes Copper isotopes Emise insignium isotopes Ermini isotopes Gadotiminini isotopes Gadotiminini isotopes Gamminini isotopes Gamminini isotopes Gamminini isotopes	
Isotope effect sortope aschange sortope aschange sortope separation visitope shift factopes Actinum isotopes Auminem isotopes Auminem isotopes Americum isotopes Antimony sultopes Antimony sultopes Antimony sultopes Astetice isotopes Bartiem isotopes Bartiem isotopes Bartiem isotopes Bernation isotopes Bernation isotopes Bromine isotopes Bromine isotopes Bromine isotopes Cadmium isotopes Cartiem isotopes Congrise isotopes Emselinum isotopes Erminum isotopes Erminum isotopes Francine isotopes Gantiem isotopes	
Isotope effect sotope eschange isotope separation visitope separation visitope shift factopes Actinium isotopes Auminium isotopes Americian isotopes Antimony isotopes Antimony isotopes Antimony isotopes Astatine isotopes Bartium isotopes Britatium isotopes Boron isotopes Bromine isotopes Cadminium isotopes Cathorium isotopes Cartium isotopes Conjum isotopes Chorium isotopes Coper isotopes Coper isotopes Coper isotopes Curium isotopes Emsternium isotopes Ermun isotopes Ermun isotopes Ermun isotopes Ermun isotopes Francium isotopes Gartium isotopes	
Isotope effect sectope eschange isotope separation visitope impuries isotope separation visitopes shift factores Actinium isotopes Auminium isotopes Americium isotopes Americium isotopes Antimony isotopes Antimony isotopes Asteric isotopes Bartium isotopes Bartium isotopes Bartium isotopes Bartium isotopes Bernitum isotopes Boron isotopes Bromine isotopes Bromine isotopes Cadminium isotopes Cantonium isotopes Catonium isotopes Catonium isotopes Chorne isotopes Colorium isotopes Colorium isotopes Contonium isotopes Erbium isotopes Erbium isotopes Erbium isotopes Erbium isotopes Erbium isotopes Erminum isotopes Gantonium isotopes	
Isotope effect sortope aschange sortope aschange sortope separation visitope shift factopes Actinum isotopes Actinum isotopes Auminium isotopes Antimony sultipee Angon stotopes Antimony sultipee Angon stotopes Astatine isotopes Bantim isotopes Bantim isotopes Bantim isotopes Bensitim isotopes Brominatopes Brominatopes Brominatopes Brominatopes Cartium isotopes Cobal reathoes Cobal reathoes Cobal reathoes Cobal reathoes Embarnim isotopes Embarnim isotopes Embarnim isotopes Embarnim isotopes Embarnim isotopes Firmium isotopes Firmium isotopes Gartinum isotopes Hartium isotopes Hartium isotopes Hartium isotopes Hartium isotopes	
Isotope effect sectope eschange isotope separation visitope impuries isotope separation visitopes shift factores Actinium isotopes Auminium isotopes Americium isotopes Americium isotopes Antimony isotopes Antimony isotopes Asteric isotopes Bartium isotopes Bartium isotopes Bartium isotopes Bartium isotopes Bernitum isotopes Boron isotopes Bromine isotopes Bromine isotopes Cadminium isotopes Cantonium isotopes Catonium isotopes Catonium isotopes Chorne isotopes Colorium isotopes Colorium isotopes Contonium isotopes Erbium isotopes Erbium isotopes Erbium isotopes Erbium isotopes Erbium isotopes Erminum isotopes Gantonium isotopes	

```
ACOUSTIC
ACOUSTIC ATTENUATION
ACOUSTIC
ACOUSTIC DELAY LINES
   PRODUSTIC DELAY LINES
AGOUSTIC OUCTS
ACOUSTIC EXCITATION
ACOUSTIC FATIGUE
ACOUSTIC IMPEDANCE
ACOUSTIC IMPEDANCE
ACOUSTIC IMSTABILITY
ACOUSTIC NEWSTABILITY
ACOUSTIC PROPAGATION
ACOUSTIC PROPAGATION
ACOUSTIC SCATTERING
ACOUSTIC SIMULATION
ACOUSTIC STREAMING
ACOUSTIC STREAMING
ACOUSTIC VELOCITY
COMMERCE ACOUSTIC RAPIATION
COUSTIC STREAMING
ACOUSTIC VELOCITY
COMMERCE ACOUSTIC RAPIATION
COUSTICS
ACOUSTICS
UNDERWATER ACOUSTICS
ACQUISITION
DATA ACQUISITION
     TARGET ACQUISITION
ACRYLIC ACID
     ACRYLIC RESINS
 ACTH
ACTINIDE SERIES
ACTINIDE SERIES
ACTINIDE SERIES
COMPOUNDS
 ACTION
        NOSCILLATORY ACTION
ACTIONS
     TEUNS
EVASIVE ACTIONS
INVOLUNTARY ACTIONS
 ACTIVATION (BIOLOGY)
     AC IVATION ENERGY MILITURE ACTIVATION ACALYSIS
 ACTIVE
      ACTIVE SATELLITES
 ACTIVITY
     TIVITY
ACTIVITY (BIOLOGY)
ACTIVITY C "LES (BIOLOGY)
CAFALYTIC ACTIVITY
ENZYME ACTIVITY
EXTRAVEHICULAR ACTIVITY
SOLAR ACTIVITY
SOLAR ACTIVITY EFFECTS
 ACTUATED
     PROPELLANT ACTUATED DEVICES
PROPELLANT ACTUATED INSTRUMENTS
     ACTUATOR DISKS
 ACULTY
 VISUAL ACUITY ADAPTATION
     DAPTATION
DARK ADAPTATION
DESERT ADAPTATION
LIGHT ADAPTATION
RETINAL ADAPTATION
  ADAPTIVE
      ADAPTIVE CONTROL ADAPTIVE FILTERS
 SELF ADAPTIVE CONTROL SYSTEMS ADDING
 ADDING CIRCUITS
      ADDISONS DISEASE
 ADDITION RESINS
       ADDITION THEOREM
 ADDITIVES
ANTICING ADDITIVES
ANTIKNOCK ADDITIVES
COL ADDITIVES
PROPELLANT ADDITIVES
  ADDRESS
      PUBLIC ADDRESS SYSTEMS
  ADENOSTNE
      ADENOSINE DIPHOSPHATE (ADP)
ADENOSINE TRIPHOSPHATE (ATP)
      HONEYWELL ADEFT COMPUTER
  ADHESION YESTS
  ADIABATIC
```

ADJABATIC CONDITIONS

```
ADIABATIC FOUNTIONS
ADIABATIC FECH
    ADIPOSE TISSUES
   ADIPRENE ITRADEMARKI
    ADENOSINE DIPHOSPHATE (ADP)
ADRENAL GLAND
ADRENAL NETABOLISM
ADRENOCORTICOTRUPIN
ADRENOCORTICOTRUPIN
ADSARPTION
    GIBBS ADSORPTION EQUATION
ADVANCED RANGE INSTRUMENTATION SHIP
    ADVANCED SOBTUM COOLED REACTOR
ADVANCED TEST REACTORS
ADVANCED VIDICON CAMERA SYSTEM (AVES)
    ADVENT PROJECT
 AEGLIAN TONES
 AERIAL EXPLOSIONS
     AERIAL PHOTOGRAPHY
AERIAL RECONNAISSANCE
     AERIAL RUDDERS
 AEROBEE
 AEROBEE ROCKET VEHICLE
AERODYNAMIC
AERODYNAMIC BALANCE
    AERODYNAMIC BALANCE
AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CHEFICIENTS
AERODYNAMIC CONSIGURATIONS
AERODYNAMIC CONSIGURATIONS
AERODYNAMIC FORCES
AERODYNAMIC HATING
AERODYNAMIC HATING
AERODYNAMIC LOADS
AIRIDONAMIC NOISE
AERODYNAMIC STABILITY
AERODYNAMIC STABILITY
SPIKES CAERODYNAMIC ONFIGUR
     SPIKES LACEODYNAMIC UNFIGURATIONS!
STATIC ACRODYNAMIC CHARACTERISTICS
 AERODYNAMICS
 RUTUR AERODYNAMICS
     AERONAUTICAL ENGINEERING
 AERGS
 AEROS SATELLITE
A. ROSPACE
     AEROSPACE ENGINEERING
     AEROSPACE ENGINEERING
AEROSPACE ENVIRONMENTS
AEROSPACE INDUSTRY
AEROSPACE MEDICINE
AEROSPACE SCIENCES
AEROSPACE SYSTEMS
AEROSPACE VENICLES
  AFFERENT
       AFFERENT NERVOUS SYSTEMS
  AFTEREFFECTS
 MOTION AFTEREFFECTS
      HELIUM AFTERGLOW
OXYGEN AFTERGLOW
  AGE
     AGE FACTOR
RADIDACTIVE AGE DETERMINATION
  AGENA
AGENA A ROCKET VEHICLE
     AGENA A ROCKET VEHICLE
AGENA B RANG. PROGRAM
AGENA B ROCKET VEHICLE
AGINA C ROCKET VEHICLE
AGENA D ROCKET VEHICLE
AGENA ROCKET VEHICLE
AGENA BOCKET VEHICLE
ATLAS AGENA B LAUNCH VEHICLE
ATLAS AGENA LAUNCH VEHICLES
       THOR AGENA LAUNCH VEHICLE
  AGENTS
      ACCELERATING AGENTS
ANTIHYPERIENCIVE AGENTS
STABILIZERS (AGENTS)
  AGING (BIOLOGY)
AGING (METALLURGY)
```

input impedance

SUBJECT CATEGORY INDEX

egú3 (Con.) Synchronous motors Voltage regulation Witing Wiring diagrama Wound-rater induction motors

0594 Information Theory Coders Coding theory Communication theory Data transmission Error correction codas Euror detection codes Note threlick Information capacity information theory intelligibility

0905

Symbols Subsystems Acoustic arrays Acoustic delay lines AC to DC converters Addock ablennes Aircrait antennas Ampillers Antenna amplifiera Antenna couplers Actenna feeds inna scannere Audio amplifiers Autotransformers Backline antennas Beacon antennas Biconical acteonas Broarband ampilhers Broadband entenness Cescade control Cassagrain antennas Circuita Circular antennas Ciuss A amplifiers Class B amphiliers Class C amplifiers Conical entennas Constant current transformers Copper oxide rectifiers
Corner reflector antennes Counterpoises Coupled antennas C-ystal yides receivers Current empldiers Current regulators
Current transformers Cylindrical antennas DC to DC convertiers Demodulators Dielectric amplifiers
Differential amplifiers Dulexers Dipole antennas Oracl coupled amplifiars Directional antennas Direction finding ante Discone antennas Distributed amplifiers Dry disk rectifiers Farchones Echo repeaters Electric controllers Electric converters
Electroluminescent panels Electronic giaplay systems Electron tube amplifiers i-diva arrays Feedback amplifiers Ferrinagontic amplifiers
Flugroscent screams Frequency converters Frequency dividers

Frequency multiplien

Half wave rectifiers Hall generators Hebrid antennas

Frequency synthesizers Full wave rectifiers

Ground vehicle antennas

Infraiud parametric amplifiers

integrators melkiems vaneupart sischemistal aredilions secu Latchine relays lesky wave aniennas Lens entennes Logarithniic amplitiers Log periodic antennas Long wire aniennas oop anlennas Low noise amplifiers Loo noise preamplifiers Luneberg lenses Magnetic modulators Mercury are rectifiers Microphones Microwave amplifiers
Microwave antennes
Microwave receivers Modems Medulators Monopola entennas Multiple beam antennas Navigational antennas tioise generators Nutating antennes Omnidirectional anteni Operational emplifiers Parabolic antennas Parametric amplifiers Pheses arrays Pieznelectric transducers Polarized relays Potential transformers Power amplifiura Power distribution times Power lines Power subtransmission sixes Power ...ansformers Power transmission lines Preamplifiers Pulse amplifiers Pulse generators Pulse integrators Puise transformers Pulse transmitters Push guil amplifiers Radiofrequency amplifiers Radiofrequency generator Radio requency power Ramp response **Flectifiers** Absorbic antennes Rocket antennas Setenium rectifiers Sense antenans Servamotors Ship antennas onp anternas ≏ignal generatori Sleeve antennas Sio: antennas Spacociali anterinas Spherical antennas Spiral entennas Standing wave indicators Steerable antennas Strip transmission lines Submarine antennas Surface wave antennas Sweep generators Switchpoards Synchro control transformers Synchro differential generators Synchro differential maters Synthetic operiure antennes Tank circuits Tantennas Tolsvizion Entennes Time delay relays Yiming arcuits Transformers
Transistor amplifiers Transmission lines Traveling wave antennas Yuned amplifiers Tuners Turnstile antennas

Underground antennas

Unfurlable antennas

Video amplifiers Voltage ampktiors Voltage dividers

Voltage regulators

Wavenusdes

Wallenweber Yaqi antennas

0906 Telemetry

Sictelemetry Decommutators Electrical telemetry Mechanical telemetry sanneina gninatemeisT Telemetering data
Telemetering data
Telemetering equipment
Telemetering receivers
Telemetering transmitters Telemetry

1000 Nonpropulsive **Energy Conversion**

1001 Conversion Techniques Diesel electric power generation Direct electric power generation Direct energy conversion Electric power generation Electrochemical power generation Gas turbine power generation hydrostectric power generation Magnefita

Mobile power generation Nuclear siretric power generation Precise power generation Solar power generation Steam electric power generation Thermionic power generation
Thermoviactric energy conversion

Thermoelicstric power generation Thermonuclass power generation fidal power generation Uninterruptible power generation Wind power generation

1002 Power Sources

AC generators Amoligynes Auxiliary electric power unita Auxiliary power plants Bacon fuel cells Biochermasi fuel calls Cascaded elements Cesium thermicnic convertors Ciosad cycle EHD generators Ciosad cycle MHD generators DC generators Direc) power generators Dynamotors

Electric generators Electric power plants Electric reactors electric reactors Electrohydrodynamic generation Electrohydrodynamic power generation Electrostatic gene ators Evergy conversion heat sources Forsyl fuel thermionic converters Fuel cell catalysts

Fuel cell electrodes Fuel cell electrolytes Fuel cell fuels Fuel cell oxidents Fuel cells Fuel cell separators

Fuel conditioning (fuel cells)
Hand generator Hydroelectric generators

ion exchange membrane electrolytee Liquid metal fuel cells Liquid metal MHD generators Magnetoelectric generators
Magnetohydrodynamic generation
Magnetohydrodynamic generators

Magnetos Motor generators Motors

Nuclear auxiliary power units Nuclear power plants

Nuclear thermionic convertors Open cycle EHD generators Open cycle MHD generators Plasma closed cycle MHD gen Portable thermiosisc convertent Portable thermoelectric general Pulsed power MHD generators Radiation resistant soler cells Radioisotope thermcaloctric de Recenerative (sel cells Regenerators Rotating generators Seturable reactors Segmented elements Solar cells Solar energy cons Sole: generators Solar reflectors Spacecraft electric po Standby power generation Standby power generators Static inverters Thermal power plants
Thermionic collectors Tharmionic converters Thermionic hual pipel Thermoelectric generators
Thermophotovel'sic conve Tidal power plants Turboganerators Van de Graaff generators

1003 Energy St. age. Alkaline batteries Battery chargers Battery depolarizers Battery electrodes Battery electrolytes Buttery separators Battery lesters Dry cells Electric betteries Electrochemical cells Energy storage High rate butternes Lead sort batteries Low temperature batt Meial air batteriae Missile hatteries Primary batteries Rasioisotope batteri Aprietted Princon San water batteries Storage batteries Thermal batteries Torpado betteries Water ectivated botte Wet colle

> 1100 Materials

1101 Adhesives and Seals Adhesive papers Adhesives Adhesive tapon Dopes Fuel seals Gaskets Glass suais Glass to costal seals Heat sealing Hermetic seals Hydraulic seals Joint fillers Joint sealers Labyrinth seals Metalic seals Oil seals O ring seals Packing materials Packings (seals) Plantic seals Pressure consitive adhesives

NASA THESAURUS (CATEGORY TERM LISTING) OIC, Alexandres tico, (Cent.)

THE HALL CITTUTES THE CONTROL OF THE THREE DIMENSIGNAL BOUNDARY
THRUST
THRUST AUGMENTATION
THRUST-WEIGHT RATIO
TILTED PROPFLLERS
TIP SPEED
TOLLMIIN-SCHLICHTING MAYES
TORSIONAL VIBRATION
T LUNG EDGES
TRANSIENT LOADS
TRANSITION LAYERS
TRANSITION POINTS
TRANSIONIC FLIGHT TRANSITION LAYERS
TRANSITION POINTS
TRANSONIC FLIGHT
TRANSONIC FLOW
TRANSONIC FLUTTER
YRANSONIC SPEED
TRAPEZOIDAL TAIL SURFACES
TURBLENG MOTION
TURBLENG MOTION
TURBLENCE EFFECTS
TURBULENCE EFFECTS
TURBULENCE METERS
TURBULENT BOUNDARY LAYER
TURBULENT HOWN
TURBULENT HOWN
TURBULENT HOWN
TURBULENT HOWN
TURBULENT HOW
THE THOM
TO THE T MAKES WAVE DRAG WAVES WEDGE FLOW WEDGES WEIGHT (MASS) WEIGHT (MASS)
WIND (METEGROLOGY)
WIND EFFECTS
WIND TUNNEL STABILITY TESTS
WINDS ALOFT
WING CAMPER
WING FLOW METHOD TESTS
WING LGADING
WING OSCILLATIONS
WING SPAN
WING-FUSELAGE STORES
WOODEN STRUCTURES
YAW YAN
YANING MOMENTS
ZERO ANGLE OF ATTACK
ZERO LIFT

OLOZ AERODYNAMICS OF BODIES
ABLATIVE MATERIALS
ABLATIVE MOSE COMES
AERODYNAMIC BALANCE
AERODYNAMIC CHARACTERISTICS
AERODYNAMIC OPAG
AERODYNAMIC LOADS
AIRCRAFT COMFIGURATIONS
AIRCRAFT STRUCTURES
AIRFGIL FENCES

ATREDIL PROFILES
ATREDICS
ATREMANTS
ASSILT RATIO
AXIS OF ROTATION
AXISYMMETRIC BODIES
AXISYMMETRIC FLOW AXESYMMETRIC FLOW

BALLAST

BLUFF BODIES

BLUNT BODIES

BOX TES OF REVOLUTION

BODY-WING AND TAIL CONFIGURATIONS

BOUNDARY LAYER CONTROL BOWS BULKHEADS CAMBER CASCADES CORE FLOW CURRENTS CYLINDRICAL BODIES DEFLECTORS DEFLECTORS
DESIGN
DUCTED BODIES
ENCKE METHOD
FAIRINGS
FAN IN MING AIRCRAFT
FEED SYSTEMS
FENCES FILLETS FINNED BODIES FINNED BODIES
FINS
FLARED SCONTROL SURFACES)
FLARED BODIES
FLEXIBLE BODIES
FLEXIBLE BODIES
FOLDING STRUCTURES
FOREBODIES
FRICTION DRAG
FRICTIONLESS ENVIRONMENTS
FROZEN EQUILIBRIUM FLOW
FULL SCALE TESTS
FUSELAGES
GLIDE LANDINGS
GLIDE PATHS
GLIDERS
GUST ALLEVIATORS
GUST ALLEVIATORS
GUST LOADS
HALF CONES
HALPHEN METHOD
HAMMERHEAD CONFIGURATION
HIGH ASPECT RATIO
HULLS (STRUCTURES)
HYPERVELOCITY FLOW
INFINITE SPAN WINGS
JOUKONSKI TRANSFORMATION
LAMINAR FLOW AIRFOILS
LEADING EDGE SWEEP
LEADING EDGE SWEEP
LEADING EDGES
: FT FINS LEADING EDGES

FT

LIFT AUGMENTATION
LIFY DEVICES
LOW ASPECT RATIO
LOW ASPECT RATIO WINGS
MASS BALANCE
MEMBRANE STRUCTURES
METAL PLATES
METAL SHELLS
MISSILE STRUCTURES
MONOCOQUE STRUCTURES MONUPLANES
NACELLES
NEWTON-BUSEHANN LAW
NOSE CONES
NOSE INLETS
OGIVES PARAWINGS PLASTIC AIRCRAFT STRUCTURES POHLHAUSEN METHOD PORTS PORTS
PRESSURE DISTRIBUTION
PRESSURE REDUCTION
PROPELLER SLIPSTREAMS
PROTUBERANCES
PYRA TOAL BODIES
RAMPS RIDGES RIGID MOUNTING RIGID WINGS

```
BK-65
                        BIOMEDICAL TECHNIQUES & MEASUREMENT
                                                                                                                                                                                                                                      BODY PROCESSES & PUNCTIONS
                                                                                                                                                                                                             BL-49
                                                                                                                                                                                                             BL-50
BL-52
BL-53
BL-54
BL-55
BK-66
BK-67
                        ABSENTEEISM
                                                                                                                                                                                                                                      ADAPTATION
                       ABSENTEEISM
ATTACK RATES
BIOCLIMATOLOGY
EPIDEMIOLOGY
GENETICS
HEALTH STATISTICS
HEMATOLOGY
                                                                                                                                                                                                                                     BLOOD PRESSURE
CELL GROWTH
CELL METABOLISM
DIGESTION
BK-71
BK-72
BK-73
BK-74
BK-75
BK-76
                                                                                                                                                                                                               BL-56
BL-57
BL-58
BL-59
BL-60
                                                                                                                                                                                                                                      INGESTION
                       HEMATOLOGY
BLOOD CHEMISTRY
BLOOD GAS ANALYSIS
CARBOXYHEMOGLOBIN
HEMOGLOBIN INTERACTIONS
                                                                                                                                                                                                                                      METABOLISM
PULSE RATE
                                                                                                                                                                                                                                     PULSE RATE
REPRODUCTION
RESPIRATORY FUNCTIONS
BREATHING
COMPLIANCE
DEPOSITION
                                                                                                                                                                                                               BL-61
BL-62
BL-63
GY-51
GY-98
                      IMMUNOLOGY
ANTIBODIES
ANTIGENS
LIFE SPAN
MORBIDITY
MORTALI TY
OCCUPATIONAL HEALTH
OUTPATIENT VISITS
PATHOLOGICAL TECHNIQUES
RADIOLOGICAL HEALTH
TISSUE CILLURES
TREATMENT & AIDS
ARTIFICIAL RESPIRATION
BREATHING EXERCISES
DIAGNOSIS
AUTOPSY
DEPOSITION
LUNG CLEARANCE
OXYGEN CONSUMPTION
PULMONARY FUNCTION
OXYGEN DIFFUSION
PULMONARY RESISTANCE
VENTIL ATION (PULMONARY)
                                                                                                                                                                                                               5Y-98
BL-64
BL-65
BL-66
BL-67
PL-68
BL-71
BL-72
                                                                                                                                                                                                                                      RETENTION
SYNERGISM
THRESHOLDS
 BK-88
BK-89
BK-90
BK-91
BK-92
                                                                                                                                                                                                                BL-73
                                                                                                                                                                                                                                       TOXIC TOLERANCES
                                    AUTOPSY
BIO-ASSAY
                             BIO-ASSAY
BIOPSY
SKIN TESTS
DRUGS
ANTIDOTES
BRONCHODILATORS
INHALATION THERAPY
MEDICAL FACILITIES
PHYSICAL THERAPY
RADIOGRAPHY
SURGERY
 BK-92
BK-94
BK-95
BK-96
BK-97
BL-00
BL-02
BL-03
BL-04
BL-05
BK-22
                                                                                                                                                                                                                                      DISEASES & DISORDERS
                                                                                                                                                                                                            BL-74
                                                                                                                                                                                                              BL-75
BL-76
BL-77
BL-79
Y-71
                                                                                                                                                                                                                                       ALLERGIES
ANEMIA
                                                                                                                                                                                                                                       ANOXIA
ASPHYXIATION
                                                                                                                                                                                                                                       BERYLLIOSIS
                                                                                                                                                                                                                                      BLINDNESS
CANCER
BRONCHIAL
                               SURGERY
                                                                                                                                                                                                               BL-80
BL-81
BL-83
BL-84
BL-85
BL-85
BL-86
Y-76
BL-87
BL-88
                         VETERINARY MEDICINE
                                                                                                                                                                                                                                            LEUKEMIA
                                                                                                                                                                                                                                            LUNG
 BL-06
                         BODY CONSTITUENTS & PARTS
                                                                                                                                                                                                                                      LUNG
SKIN
TRACHEAL
CARCINOGENS
CARDIOVASCULAR DISEASES
ERYTHEMA
                       BOOY FLUIDS
BONES
CEILLS
BLOOD CELLS
LEUKOCYTES
LYMPHOCYTES
CHROMOSOMES
CILIA
SPERMATOZOA
CHBCIII ATORY SYST
 8L-07
8L-08
8L-13
8L-14
GR-41
8L-17
8L-16
8L-18
8L-09
8L-10
8L-11
RL-19
                                                                                                                                                                                                               BL 89
BL 90
BL 91
BL 92
BL 93
BL 94
                                                                                                                                                                                                                                        EYE IRRITATION
                                                                                                                                                                                                                                      EYE IRRITATION
FLUOROSIS
HEADACHE
HEALTH IMPAIR! _NT
HYPERSENSITIVITY
HYPERVEN FLATION
                       CIRCULATORY SYSTEM
BLOOD VESSE'S
HEART
BIGESTIVE SYSTEM
ESOPHAGUS
INTESTINES
                                                                                                                                                                                                              BL-95
BL-96
BL-97
BL-98
BL-99
GR-09
GR-03
GR-03
GR-03
                                                                                                                                                                                                                                       HYPOXIA
                                                                                                                                                                                                                                      INFECTIOUS DISEASES
LACHRYMATION
METAL POISONING
MUTATIONS
                                                                                                                                                                                                                                      MUTATIONS

JAINSTA

JAIGHNIC DISEASES

GESPHATORY DISEASES

AUGHNUTUS INFECTIONS

ASTHMA
                       LIVER
MOUTH
STOMACH
ENZYMES
EPITHELIUM
EXCRETIONS
 BL-23
BL-24
BL-25
BL-46
BL-26
                                                                                                                                                                                                                                             BRONCHITIS
                                                                                                                                                                                                                                            BRONCHOTIS
BRONCHOCONSTRICTION
BRONCHOPNEUMONIA
COMMON COLD
COUGH
EMPHYSEMA
HAYFEVER
                                                                                                                                                                                                               GR-05
GR-07
GR-08
GR-09
GR-10
GR-11
  BL 27
BL 28
BL 29
BL 30
                         EYES
GLANDS
HISTAMINES
HORMONES
  BL 3;
BL 32
BL-33
BL-34
GY-29
                                                                                                                                                                                                                                           MAYFEVER
INFLUENZA
LARYNGITIS
PLEURISY
PNEUMOCONIOSIS
ANTHRACOSIS
ASBESTOSIS
GYSSINOSIS
FARMER'S LUNG
SILICOSIS
PNEUMONIAP
                          KIDNEYS
                                                                                                                                                                                                               GR-12
GR-13
GR-14
GR-15
P-84
                         LIPIDS
MEMBRANES
NERVOUS SYSTEM
NUCLEIC ACIDS
                                                                                                                                                                                                               P-84
BL-78
S-72
S-84
GR-16
GR-16
 BL-35
BL-36
BL-37
BL-38
BL-39
BL-40
BL-41
BL-42
BL-43
BL-44
BL-45
BL-46
BL-47
                         PROTEINS
                        AMING ACIDS
RESPIRATORY SYSTEM
BRONCHI
LARYNX
                              LUNGS
                                                                                                                                                                                                                                     PULMONARY EDEMA
TUBERCULOSIS
STERILIZATION
TUMORS
                              ALVEOLI
NOSTRILS
SINUSES
                               TRACHEA
                        SKIN
                               EPITHELIUM
```

Fig. 1. Microthesaurus of air pollution terms; biosciences and medicine